TOSHIBA

Color Television

OWNER'S MANUAL

CE27T11/CE32T11/CE36T11

©TOSHIBA CORPORATION, 1999

Dear Customer

Congratulations! You have purchased one of the finest Color TV's on the market!
This manual will help you use the many exciting and useful features to make your TV viewing more enjoyable than ever before.
Before operating your TV set, please read all these safety and operating instructions completely and then retain for future reference.

Customer's Record

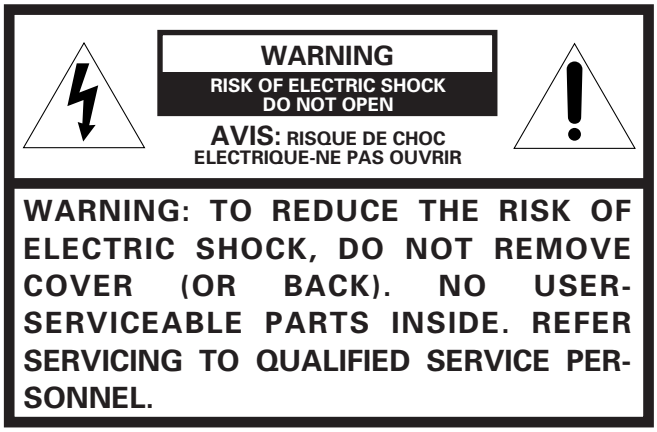
You will find the model number and serial number on the back of your TV set.
Record these numbers in the spaces provided below.
Refer to them whenever you call upon your TOSHIBA dealer regarding this product.

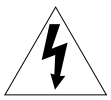
Model Number _____

Serial Number _____

Safety Precautions

WARNING:
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.


WARNING
RISK OF ELECTRIC SHOCK
DO NOT OPEN
AVIS: RISQUE DE CHOC
ELECTRIQUE-NE PAS OUVRIR
WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lightning symbol in the triangle tells you that the voltage inside this product may be strong enough to cause an electric shock.
DO NOT TRY TO SERVICE THIS PRODUCT YOURSELF.

The exclamation point in the triangle tells you that important operating and maintenance instructions follow this symbol.

This TV set may be used only with TOSHIBA stand shown on page 33. Use with other stands may result in instability causing possible injury.

CAUTIONS:
TO PREVENT ELECTRIC SHOCK, DO NOT USE THIS POLARIZED PLUG WITH AN EXTENSION CORD RECEPTACLE OR OTHER OUTLET UNLESS THE PRONGS CAN BE FULLY INSERTED INTO THE OUTLET TO PREVENT ANY EXPOSURE OF THE PRONGS ON THE POLARIZED PLUG.

ATTENTION:
POUR PRÉVENIR LES CHOCS ÉLECTRIQUES, NE PAS UTILISER CETTE FICHE POLARISÉE AVEC UN PROLONGATEUR, UNE PRISE DE COURANT OU UNE AUTRE SORTIE DE COURANT, SAUF SI LES LAMES PEUVENT ÊTRE INSÉRÉS À FOND SANS EN LAISSER AUCUNE PARTIE À DÉCOUVERT.

Avoid displaying stationary images on your TV screen for extended periods of time. Stationary patterns generated by PIP display, computer displays, video games, stock market reports, etc. can become permanently engrained on the picture tube. This damage is not protected by your warranty as it is the result of misuse. Should you wish to use your TOSHIBA Television to display still images, it is always advisable to reduce brightness and contrast settings. Never leave a PIP display, a computer or video game display unattended.

Note to CATV system installer in the USA:
This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

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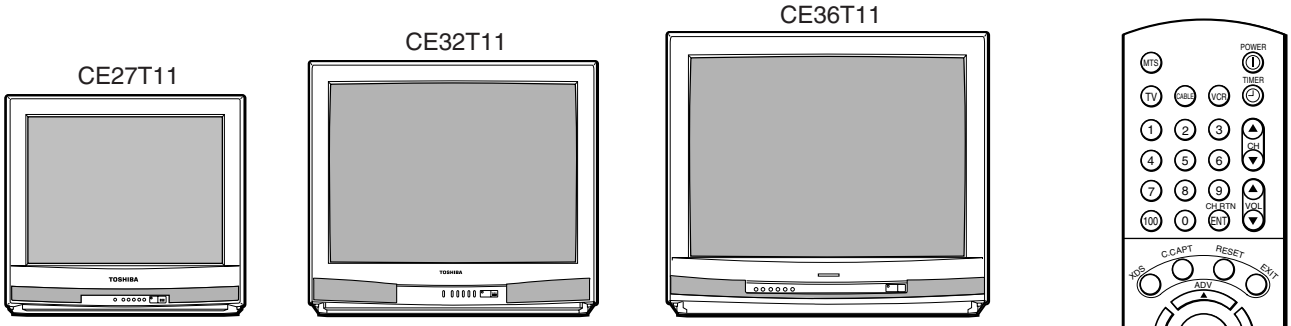
Introduction

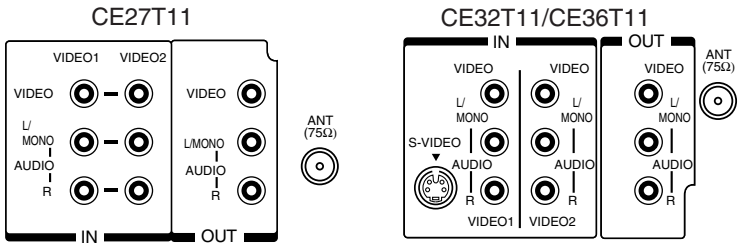
This manual applies to models CE27T11, CE32T11 and CE36T11, and there are slight differences among them.
The CE32T11 is the model used for illustration purposes. Instructions in this manual are based on using the Remote Control. Check the model of your TV before using this manual.

Exploring your new TV

You can operate your TV using the buttons on the front panel or the Remote Control.
The back panel provides all the terminal connections you will need to connect other equipment to your TV.
Model CE27T11 is not equipped with an S-VIDEO IN jack.



Back panel



Selecting a location for the TV

- Place the TV on the floor or on a sturdy platform in a location where light does not directly hit the screen.
- Place the TV far enough from the walls to allow proper ventilation. Inadequate ventilation may cause overheating, which may damage the TV.

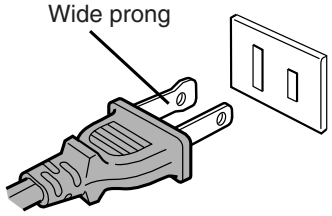
WARNING

To avoid personal injury:

- Do not stand or climb on the TV.
- Do not put a VCR or any heavy object on top of the TV.

Caution :

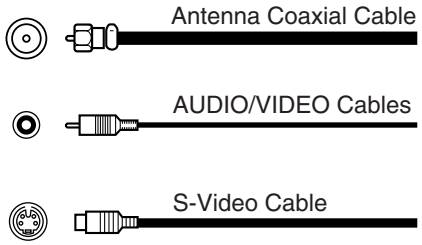
The plug has one prong wider than the other and will fit only one way into a standard electrical outlet (120 volt AC, 60 Hz). If the plug does not fit into the outlet, try turning it around. If the plug still does not fit, the outlet is probably non-standard and must be replaced by a qualified electrician. ***Do not tamper with the plug or try to force it into a non-standard outlet.***



Connecting Your TV

If you haven't connected electronic equipment before, or you have been frustrated in the past, you may wish to read this section. (Cables are not supplied.)

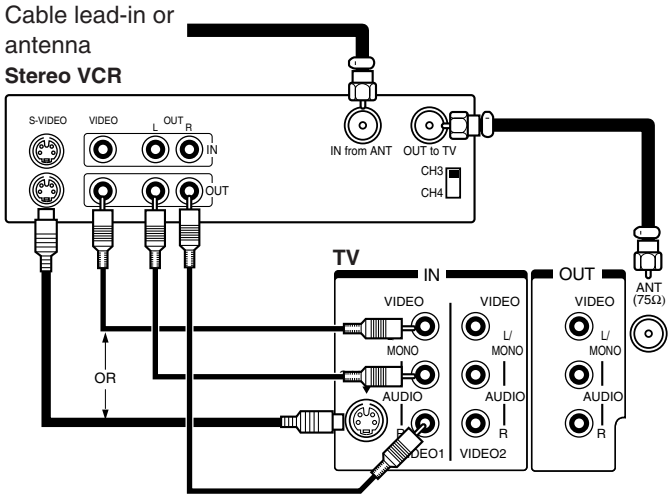
- A coaxial cable is the standard cable that comes in from your antenna or cable converter box. Coaxial cables use "F" connectors.
- Audio and video cables are usually color coded according to use: yellow for video and red and white for audio. The red audio cable is for the stereo right channel, and the white audio cable is for the stereo (or mono) left channel. If you look at the rear panel of the TV, you will see that the terminals are color coded in the same manner as the cables.
- S-video cables provide better picture performance. S-video cables can only be used with S-video compatible components.



Caution:
Do not plug the TV in until you have finished connecting all of your equipment.

Connecting a VCR

This connection allows you to watch local channels and video programs, play or record on the VCR while watching TV, and to record from one channel while watching another channel.

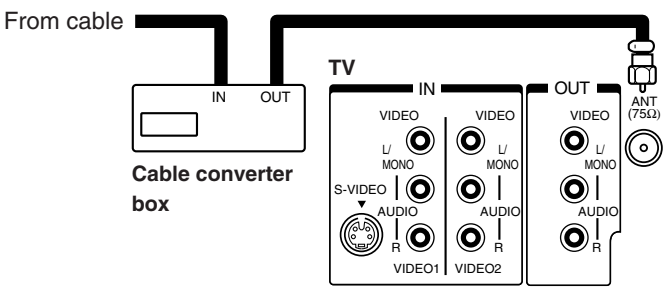


Caution:
If using a mono VCR, connect L/Mono to VCR Audio OUT using only one audio cable.
If you have a S-VHS VCR, use the S-video connections and remove the video cable.
Do not connect the video cable and the S-video cable to VIDEO 1 simultaneously.

Note:
The VIDEO 2 jacks can also be used for connecting a second piece of video equipments, such as a DVD, laser disc player and camcorder etc. with audio/video outputs.
See page 7 for one example.

Connecting a cable converter box

This connection allows you to watch cable and premium channels. Tune the TV to channel 3 or 4 (whichever channel is vacant in your area), then use the converter box to change channels.

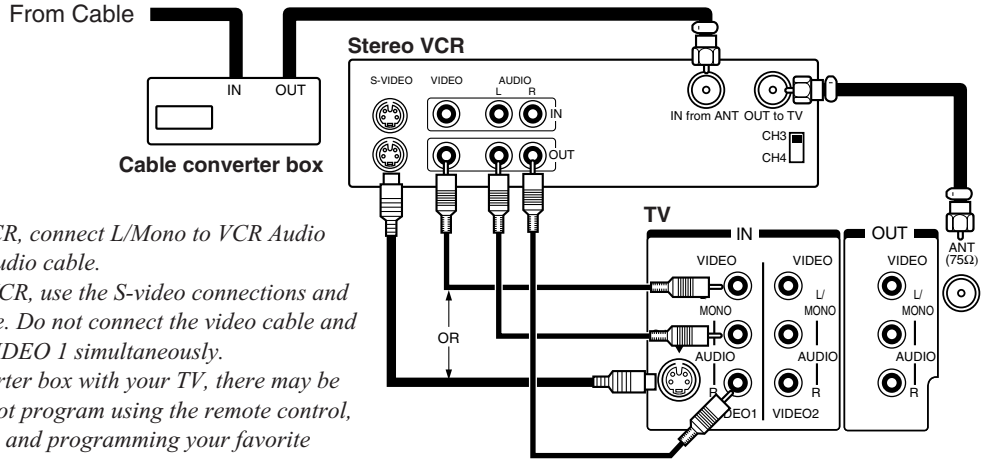


Note:
When you use a converter box with your TV, there may be features that you cannnot program using the Remote Control, such as block channel, and programming your favorite channels.

Connecting Your TV (continued)

Connecting a cable converter box and a VCR

This connection allows you to watch and record basic and premium cable channels, as well as watch video tapes. Tune the TV and VCR channels to 3 or 4 (whichever channel is vacant in your area), then use the converter box to change channels.

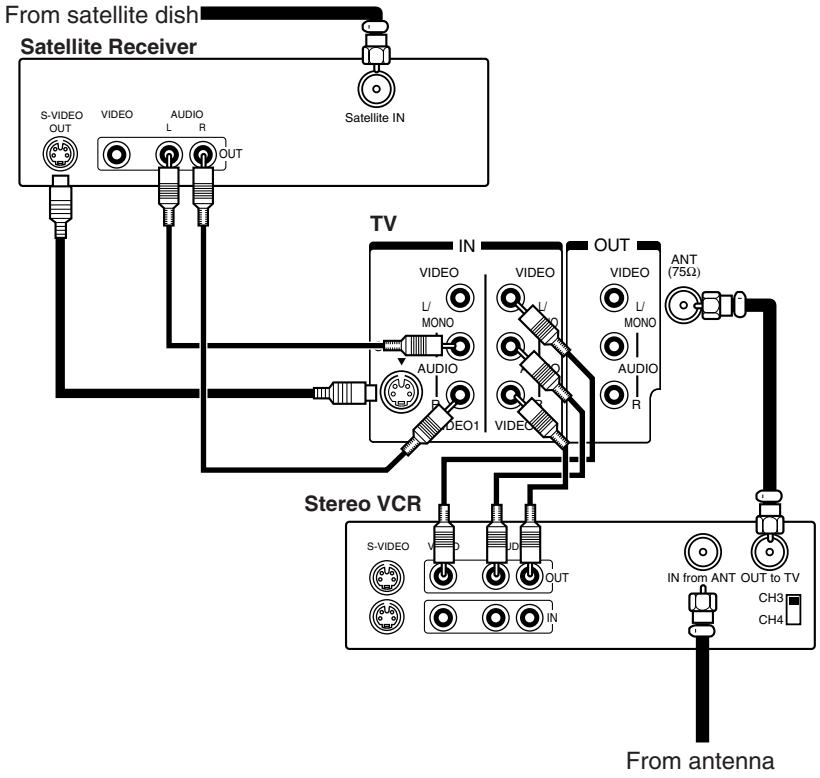


Caution:

- *If you have a mono VCR, connect L/Mono to VCR Audio OUT using only one audio cable.*
  If you have a S-VHS VCR, use the S-video connections and remove the video cable. Do not connect the video cable and the S-video cable to VIDEO 1 simultaneously.
- *When you use a converter box with your TV, there may be features that you cannot program using the remote control, such as block channel, and programming your favorite channels.*

Connecting a satellite receiver and a VCR

This connection allows you to watch satellite, video and TV programs.
You can record one TV channel while watching another channel.



Caution:

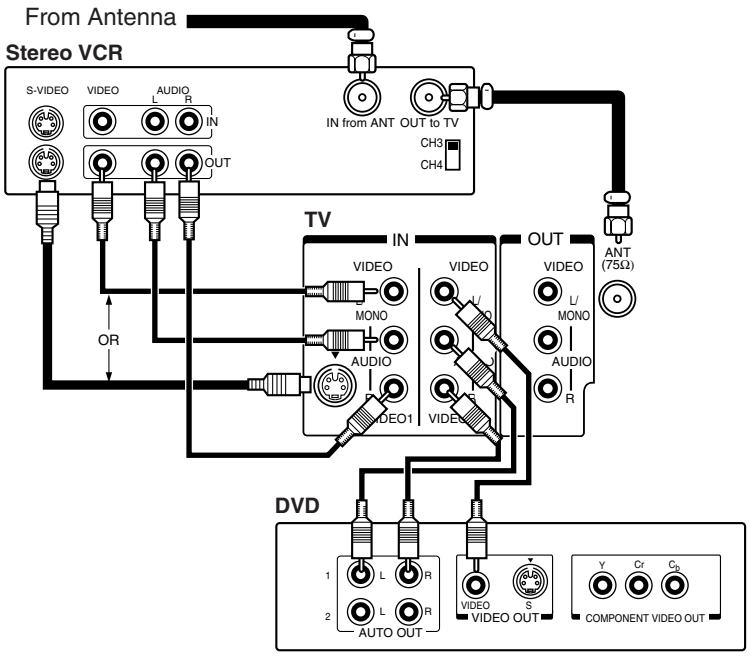
- *You can use a video cable instead of the S-video cable, but the picture quality will decrease.*
  Do not connect the video cable and the S-video cable to VIDEO 1 simultaneously.

Notes:

- *To watch from the Satellite Receiver, the TV must select VIDEO 1.*
- *To watch from the VCR, the TV must select VIDEO 2.*

Connecting a DVD (or laserdisc player) and VCR

This connection allows you to watch DVD (or laserdisc player), video or TV programs and to record TV programs.

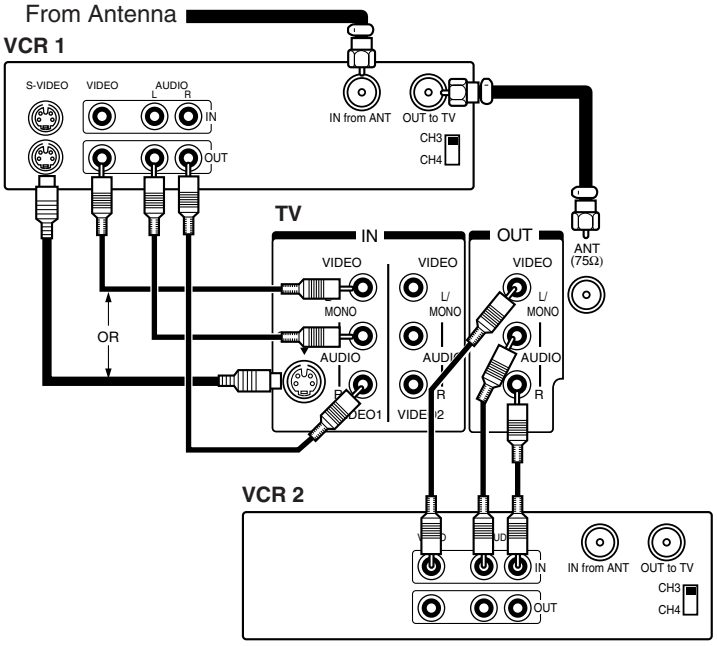


Notes:

- *To watch from the VCR, the TV must select VIDEO 1.*
- *To watch from DVD, the TV must select VIDEO 2.*

Connecting two VCRs

This connection allows you to record (dub/edit) from one VCR to another VCR while watching a video program. You will also be able to record from one TV channel while watching another channel.



Caution:
The unauthorized recording of television programs, video tapes and other materials may infringe upon the provisions of copyright laws.

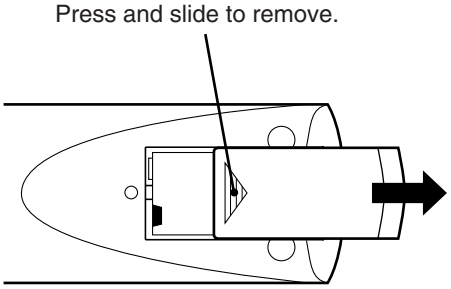
Note:
To monitor dubbing/editing, the VCR 2 for recording must select LINE IN, and the TV must select VIDEO 1.

Preparing the Remote Control for Use

With the Remote Control, you can operate your TV, most VCR models, and cable TV converters together, even if they are different brands. If you will be using your TV with a Toshiba VCR, your Remote Control is already programmed and ready to use. If you own different brands of VCRs and/or converters, you first have to program your Remote Control.
(See “Programming the Remote Control” on page 11.)

Installing the Remote Control batteries

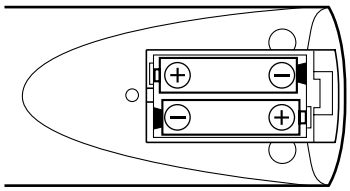
1 Slide the battery cover off of the back of the Remote Control.



Caution:

- *Dispose of your batteries in a designated disposal area. Do not throw your batteries into a fire.*
- *Do not mix battery types or combine used batteries with new ones.*
- *Remove dead batteries immediately to prevent battery acid from leaking into the battery compartment.*
- *If you do not intend to use the remote control for a long time, remove the batteries.*

2 Install two “AA” size batteries. Match the + and – signs on the batteries to the signs on the battery compartment.



Note:

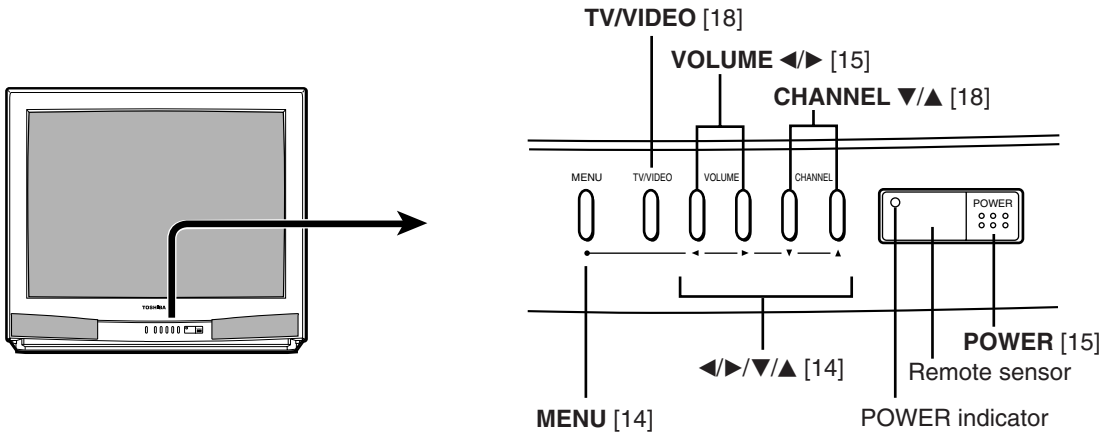
This Remote Control’s functions may or may not operate your VCR or cable TV converter. Refer to the owner’s manuals supplied with the equipment to see which features are available. In addition, the original controllers may have features not available on this Remote Control. If you would like to continue to use these features, you may want to use the original remote control.

3 Slide the battery cover back on to the Remote Control until the lock snaps.

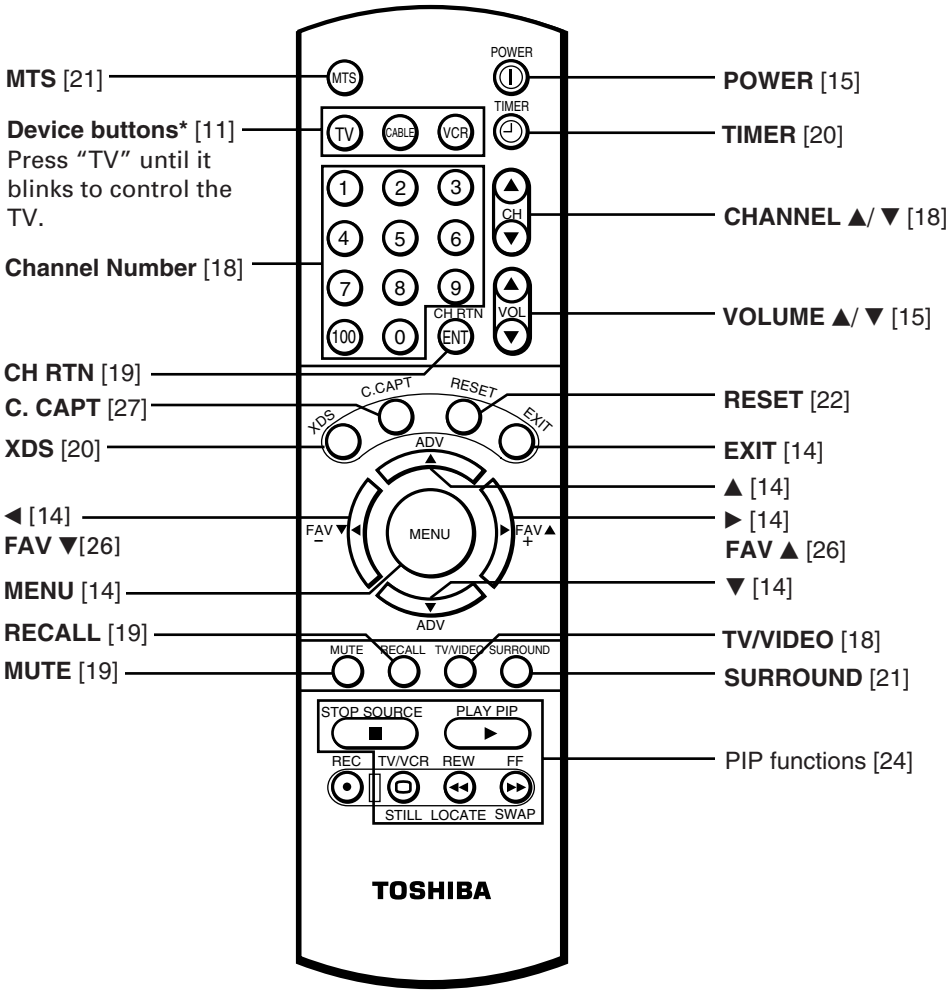
Location of Controls

Only the buttons that are used to operate the TV set are described here.
For details on the use of each control, refer to pages in brackets.

TV front



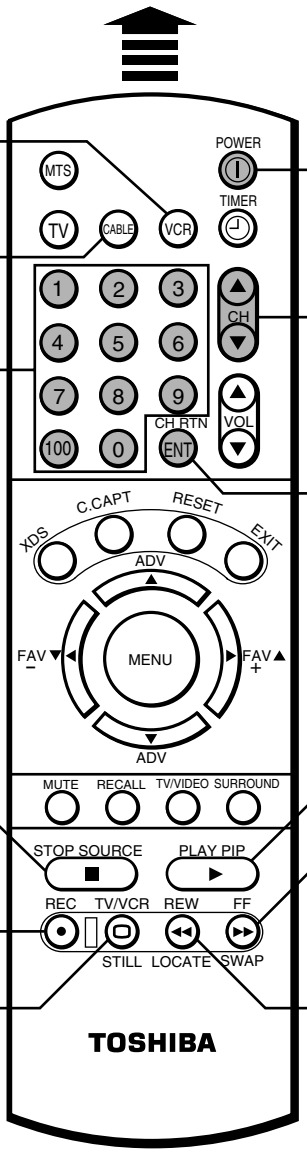
Remote Control



Using the Remote with VCR or Cable TV Converter

- To control a TOSHIBA VCR, first press the **VCR** button. The buttons shown below will then control the VCR. The rest of the buttons operate the TV as usual.
  If you have another brand of VCR, you can probably program your Remote to control it.
  Details are on page 11.
- To control a cable TV converter, this Remote Control must be programmed to recognize the brand of your converter. See page 11.
  The shaded buttons can be used to control the cable TV converter.
  Press the **CABLE** button whenever you control the cable TV converter.

Aim at the VCR or cable TV converter



VCR
Press to control VCR.

CABLE
Press to control cable TV converter.

Channel Number
Press the numbers desired for direct access.

STOP
Press to stop the tape.

REC
Press to start recording.

TV/VCR
Press to the TV mode to view one program while recording another program.

POWER
Press the button to turn the VCR (or converter) on.
Press again to turn off.

CHANNEL ▲ / ▼
Press ▲ button to select next higher channel.
Press ▼ button to select next lower channel.

ENTER
Some VCR's and Cable TV converters requires ENT to change channel number.
This button does not function until you program the Remote Control to enter the VCR (or CABLE) code.

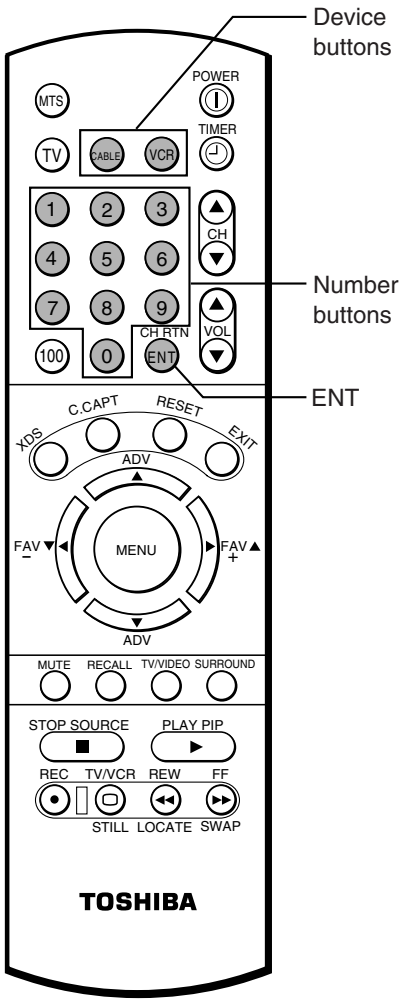
PLAY
Press to begin tape playback.

FF
Press to rapidly advance the tape.
In playback mode, press to view the picture moving rapidly in forward direction.

REW
Press to rewind the tape.
In playback mode, press to view picture moving rapidly in reverse.

Programming the Remote Control

- This Remote Control is preprogrammed to operate TOSHIBA VCR's.
- To use VCR's other than TOSHIBA models (or cable converter), perform the following procedures before operating.



Controlling other brands of VCR's and cable TV converters

1 Refer to the "***VCR code table***" (or "***Cable TV converter code table***") on pages 12 and 13 to find the code number that corresponds to the brand name of your VCR (or converter).

If more than one number is listed, try each one separately until you find the one that works.

2 Turn on the device (VCR or converter) you wish to operate with this remote.

3 Press the matching Device button **"VCR"** (or **"CABLE"**) and **ENT** at the same time until the Device button lights up. It indicates that the Remote Control is in the program mode. Perform the following steps while the back-light is on (about 20 seconds).

4 Point the Remote Control toward the VCR (or converter) and press the **Number buttons** to enter the three digit code number for your brand of VCR (or converter).
- **If the right number was entered**, the VCR (or the converter) should turn off.
- **If the VCR (or the converter) does not respond to the Remote Control,** repeat steps 1 to 4 with another code number until the device turns off.

The back-light will blink to confirm the storage.

5 Press the Device button again to release the program mode.

VCR CODE _____

CABLE CODE _____

Notes:
- *You have to reprogram the Remote Control when you change its batteries.*
- *Some newer VCR's are capable of working on either of two remote codes. These VCR's have a switch labeled "VCR1/VCR2".*
  If your VCR has this kind of switch, and does not respond to all the code numbers for your VCR brand name, set the switch to another position ("VCR1" or "VCR2") and reprogram the Remote Control.

Programming the Remote Control (Continued)

- In some rare cases, you may not be able to operate your non-Toshiba equipment with the supplied Remote Control. This is because your equipment may use a code that is not provided with this Remote Control. In this case, please use the equipment's own remote control.

VCR code table

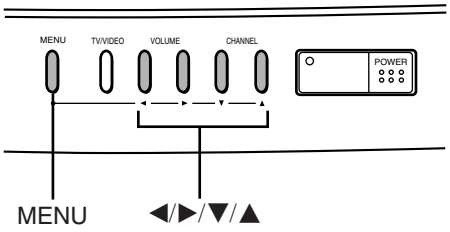
BRAND NAME	CODE NUMBER
Aiwa	034
Akai	146,043,046,124, 142,016
Alba	202
Ampro	072
Anam	031
Audio Dynamics	012,023,043
Brandt	204
Broksonic	035,037,129,203
Canon	031
Craig	003,040
Curtis Mathes	031,041
Daewoo	010,110,111,112 017
DBX	012,023,043
Dynatech	034,053
Electrohome	059
Emerson	006,029,035,025, 034,036,037,046, 101,129,131,138, 017,031,202,203
Fisher	003,008,009,010
Funai	034
GE	031,072,144,147, 063,107,109,205, 206,207,208
Go Video	132,136
Goldstar	012,013,020,101, 123
Harman Kardon	012,045
Hitachi	004,026,034,043, 063,047,013
Instantreplay	031
JCL	031
Jcpenny	012,013,040,101, 031
Jensen	043
JVC	048,043,130,152, 055,060,012,031, 047
Kenwood	014,048,043
Lloyd	034
LXI	003,009,017,034, 101,013,014
Magin	040
Magnavox	067,031,034,041
Marantz	031,067,012
Marta	101
Matsui	202
MEI	031
Memorex	101,003,010,014, 031,034,053,072
MGA	045,046,059
Minolta	013,020
Mitsubishi	059,061,046,051, 142,013,020,045
MTC	034,040
Multitech	024,034
NEC	012,023,043,048
Nordmende	043
Optonica	053,054
Orion	202
Panasonic	070,140,201,031
Pentax	013,020,031,063
Philco	031,034,067
Philips	031,067,034,101, 054
Pilot	101
Pioneer	021,048,013
Pulsar	072
Quartz	014
Quasar	031
RCA	013,020,034,041, 040,107,109,140, 144,147,031,205, 206,207,208
Realistic	003,008,010,014, 031,034,040,053, 054,101
Ricoh	058
Runco	072
Salora	014
Samsung	040,107,109,112, 017,205,206
Sansui	043,048
Sanyo	003,010,014
Scott	017,037,129,112, 131
Sears	003,008,010,013, 014,017,101,009, 031
Sharp	031,054,053
Shintom	024
Sony	056,057,058,003, 052,031
Soundesign	034
STS	013
Sylvania	031,034,067
Symmphonic	034
Tandy	010,034
Tatung	043
Teac	034,043
Technics	031,070
Teknika	031,019,034,101
Telefunken	204
Thomas	034
TMK	006
Toshiba	001,112,131,008, 047,059,082,013, 017
Totevision	040,101
Unitech	040
Vector Research	012
Video Concepts	012,046,034,141
Videosonic	040
Wards	013,024,031,034, 040,053,054,003, 017,131
Yamaha	012,043,034
Zenith	072,080,056,048, 034,101,058

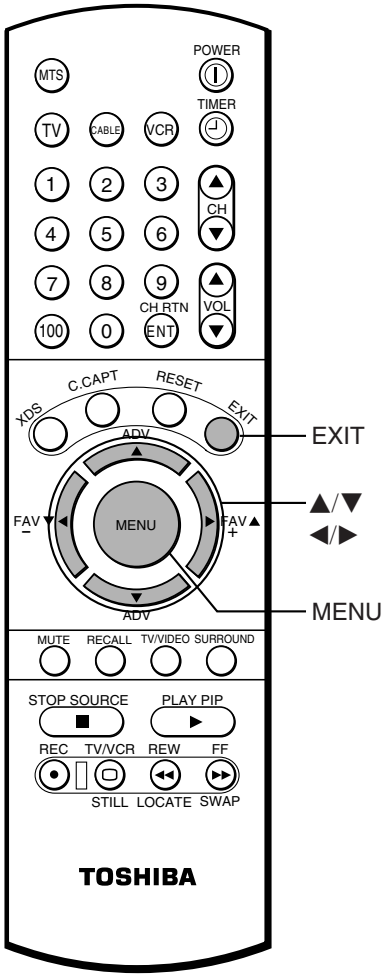
Cable TV converter code table

BRAND NAME	CODE NUMBER
ABC	001,004,039,046, 053,003,042
Antronik	014
Archer	005,007,014,024
Cable Star	026
Century	007
Citizen	007
Colour Voice	065,090
Combano	080,081
Comtronics	019,030,202
Diamond	023
Eagle	020,030,040
Eastern	057,062,066
Electricord	032
GE	072
Gemini	008,022,025,054
GI	001,074
Golden Channel	030
Haml In	049,050,055,204, 207
Hitachi	001,055
Hospitality	070,077
Jerrold	002,003,004,010, 001,008,009,069, 074,201
M-Net	037
Macom	033
Magnavox	012,079,010,064
Memorex	052
Movie Time	028,032
NSC	071,073,015,028, 038
OAK	016,031,037,053
Panasonic	044,047
Paragon	052
Philips	020,065,006,012, 013,085,090,202
Pioneer	034,051,001,063, 076
Popular Mechanics	206
Post News Week	016
Prucer	059
PTS	011,048,071,072, 073,074
Pulsar	052
RCA	047
Regal	049,050
Regency	057
Rembrant	025
RK	091
Samsung	030,068
Scientific Atlanta	003,011,041,042, 043,045,046
Sheritech	022
Signal	030
Signature	001
SL Marx	030
Sprucer	047,078
Standard Components	203
Starcom	002,004,008,009
Stargate	008,030
Sylvania	067
Tadiran	030
Tandy	017
Telecapation	021
Texscan	029,067
Tocom	039,040,056
Toshiba	052
Unika	007,014,024
United Cable	004,053
Universal	007,024,027,035, 005,014,026,032
Viewstar	086,087,088,089, 012,015,018,202, 205
Zenith	052,060,093

Menu Function (General Instructions)

We suggest you familiarize yourself with this procedure before using the Menu function.
To adjust any TV feature, the use of the Menu function is required. The adjustments that can be made to the TV appear on the screen.



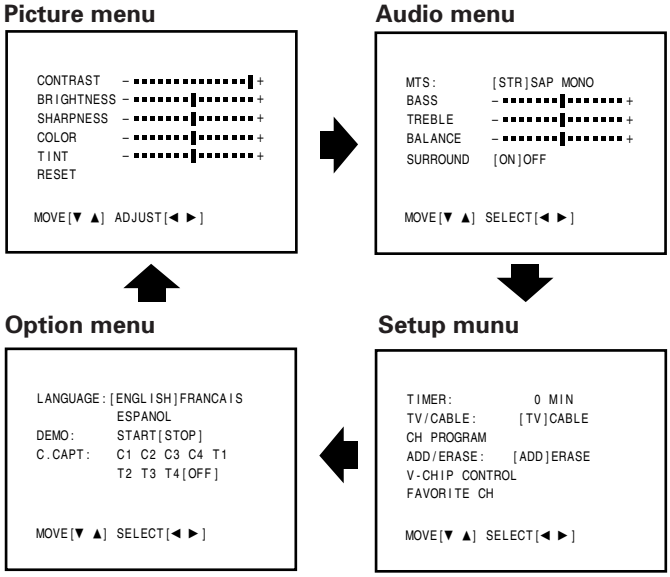


Notes:

- *The ▼/▲ buttons on the TV will function as the **CHANNEL** ▼/▲ buttons when no menu display is on the screen.*
- *The ◀/▶ buttons on the TV will function as the **VOLUME** ◀/▶ buttons when no menu display is on the screen.*
- *The ◀/▶ buttons on the Remote Control will function as the **FAV** ▼/▲ buttons when no menu display is on the screen.*

MENU button (on TV and on Remote)

Each time you press **MENU**, the Picture, Audio, Setup or Option menu on-screen display is selected in order.



▼/▲ buttons (on TV and on Remote)

Use ▼ or ▲ after you have selected the on-screen menu you want to adjust with the **MENU** button.
Each time you press ▼ or ▲, the function to be adjusted will be selected in order.

▼ button ..... from top to bottom
▲ button ..... from bottom to top

The selected function will be displayed in purple.

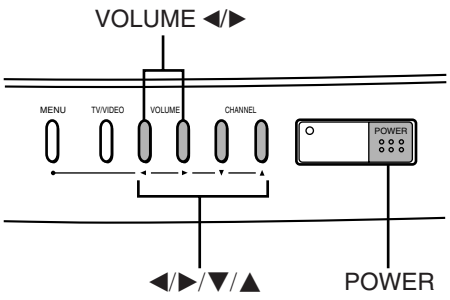
◀/▶ buttons (on TV and on Remote)

Use ◀ or ▶ to adjust the function you have selected with the ▼/▲ buttons.

EXIT button (on Remote)

The above four menu displays will automatically disappear from the screen if no control has been operated for about 15 seconds.
If you want to erase the all on-screen displays instantly, press **EXIT**.

First-Time Operation

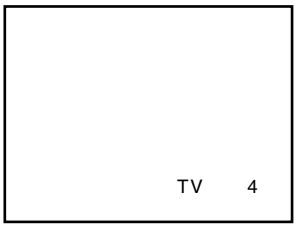


Turning the TV set on

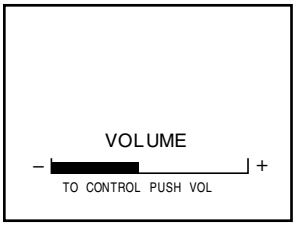
1 Set the **TV/CABLE/VCR** switch on the Remote Control to "TV" position.

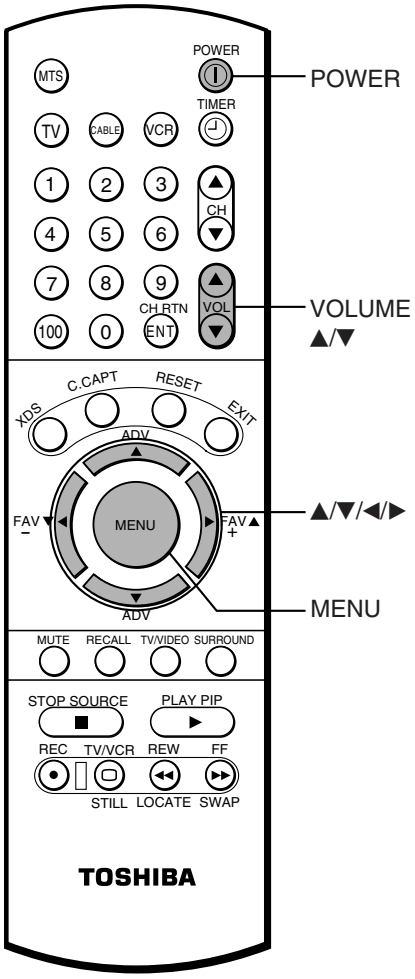
2 Press **POWER** to turn on the TV.

To turn off the TV, press **POWER** again.



3 Press **VOLUME ▲(►)/▼(◄)** to adjust the volume.
To increase the volume, press ▲(►).
To decrease the volume, press ▼(◄).

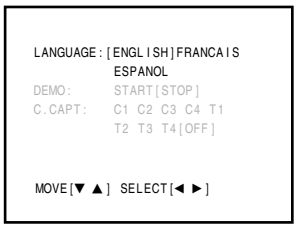




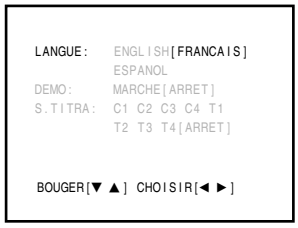
Selecting the on-screen display language

1 Press **MENU** until the Option menu is displayed on the screen.

2 Press ▲ or ▼ repeatedly until "LANGUAGE" is displayed in purple.



3 Press ◄ or ► until your desired language is displayed in purple.
If you select "FRANCAIS" for example, the display language changes to French.



Understanding Auto-Power-Off feature

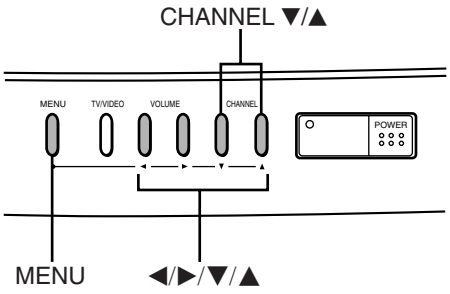
If a vacant channel is tuned or TV broadcast for a day is finished, the TV will automatically turn off after about 15 minutes.
This feature does not operate in the VIDEO mode.

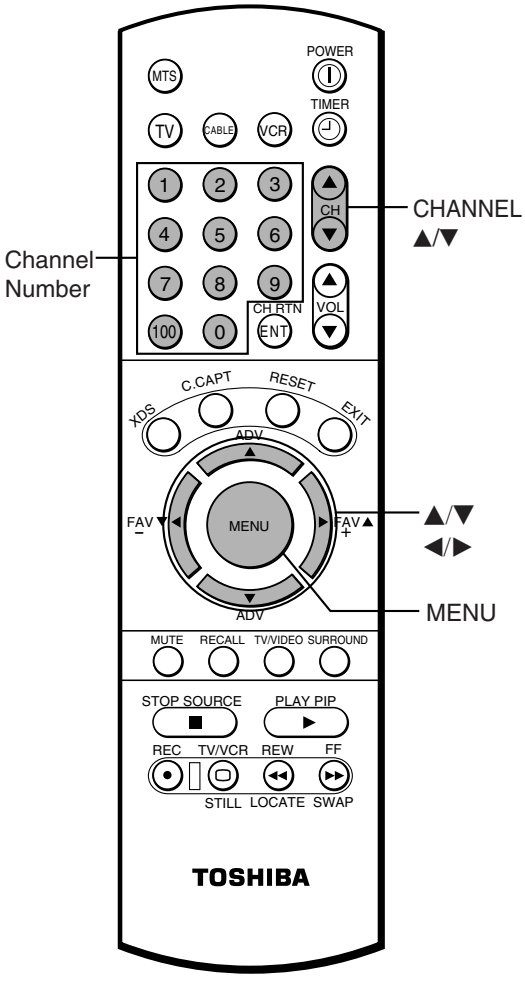
Understanding Last Mode Memory feature

If the power is cut off while you are viewing the TV and the power is resupplied, the TV is turned on automatically by the ***Last Mode Memory*** feature. If the power is going to be off or when you leave home for a long time, remove the power plug from the wall outlet to prevent the TV from turning on in your absence.

Programming Channel Memory

The channel memory is the list of TV channel numbers your TV will stop on when you press the **CHANNEL ▲** or **▼** button.
First, use the TV/CABLE and CH PROGRAM functions to preset all active channels in your area.
If necessary, change the preset channels with the ADD/ERASE functions so that you can tune into only desired channels.

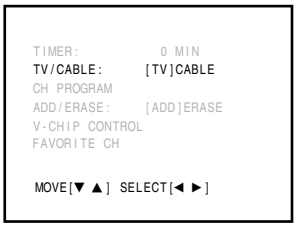




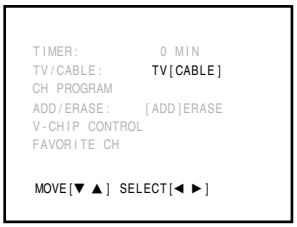
TV/CABLE function

1 Press **MENU** until the Setup menu is displayed on the screen.

2 Press ▲ or ▼ until "TV/CABLE" is displayed in purple.



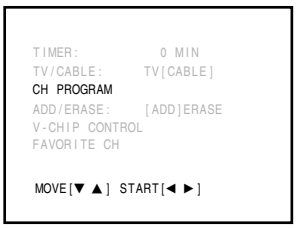
3 Press ◄ or ► until the mode that corresponds to your TV signal system is displayed in purple.
TV: TV broadcasts signals.
(VHF channels 2 through 13 and UHF channels 14 through 69)
CABLE: Cable TV signals.
(Cable channels 1 through 125)



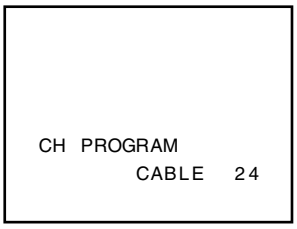
CH PROGRAM function

1 Press **MENU** until the Setup menu is displayed on the screen.

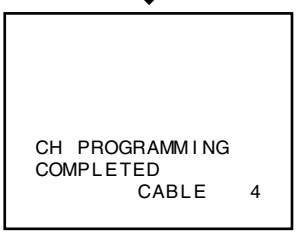
2 Press ▲ or ▼ repeatedly until "CH PROGRAM" is displayed in purple.



3 Press ◄ or ► to start channel programming. The TV will automatically cycle through all the TV or CABLE channels depending on the mode selected, and store active channels in the channel memory.



4 When channel programming is complete, you will see the message at the right.



5 Press **CHANNEL ▲** or **▼** to make sure the channel programming has been done properly.

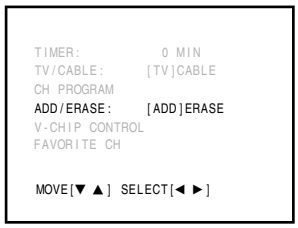
ADD/ERASE function

After performing the CH PROGRAM function, you can add or erase specific channels.

1 Select the channel you want to erase using the **CHANNEL ▲** or **▼** button, or select the channel you want to add using the **Channel Number** buttons.

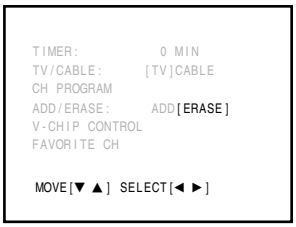
2 Press **MENU** repeatedly until the Setup menu is displayed on the screen.

3 Press ▲ or ▼ repeatedly until "ADD/ ERASE" is displayed in purple.

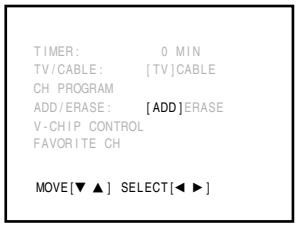


4 Press ◄ or ► :

To erase the channel
Press the button until "ERASE" is displayed in purple indicating that the channel has been erased from the memory.



To add the channel
Press the button until "ADD" is displayed in purple indicating that the channel has been memorized.



5 Repeat steps 1 to 4 for other channels.

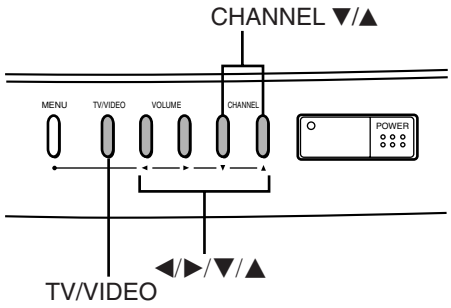
You have now completed the channel programming.

CABLE channel reference chart

Number on this TV	Corresponding CABLE channel	Number on this TV	Corresponding CABLE channel
1	A-8	67	67
5	5(A-7)	68	68
6	6(A-6)	69	69
14	A	⋮	⋮
15	B	92	92
16	C	93	93
⋮	⋮	94	94
34	U	95	A-5
35	V	96	A-4
36	W	97	A-3
37	AA	98	A-2
38	BB	99	A-1
⋮	⋮	100	100
60	XX	101	101
61	YY	102	102
62	ZZ	⋮	⋮
63	AAA	123	123
64	BBB	124	124
65	65	125	125
66	66		

The above chart is typical of many cable system channel allocations. If in doubt, consult your cable company.

Watching TV Programs or Video input



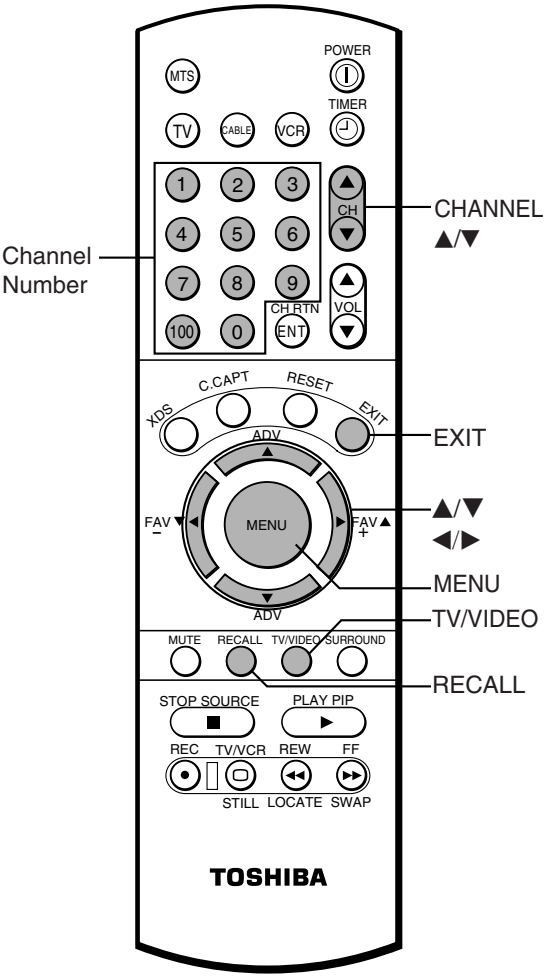
Selecting the TV channels

Select a channel in one of the following two ways.

- **To scan the memorized channels in numerical sequence**
  Press **CHANNEL ▲** to select the next higher channel.
  Press **CHANNEL ▼** to select the next lower channel.
  Press the button again to select the next memorized channels.

- **To select a channel directly**
  Press the **Channel Number** buttons (0-9 and 100).
  To select channel 4, press “4” (or press “0”, “4”).
  To select channel 38, press “3”, “8”.
  To select channel 125, press “100”, “2”, “5” in sequence.

If you cannot select certain channels, either TV (off the air) or CABLE channels
Check if the TV/CABLE function is properly set. See page 16.



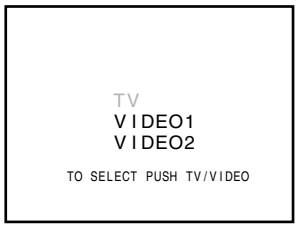
Selecting the video input source

You can use the **TV/VIDEO** button to view signal coming from other devices, such as VCRs or video disc players that may be connected to your TV. (See “Connecting Your TV” on page 5.)

Note: *To operate your TV and video equipment properly, refer to the instructions furnished with the video equipment.*

1 Turn the TV and the video equipment ON.

2 Press **TV/VIDEO** on the Remote Control or on the TV to select “VIDEO 1” or “VIDEO 2”.
The selected source will be displayed in purple.



3 Operate the video equipment normally.

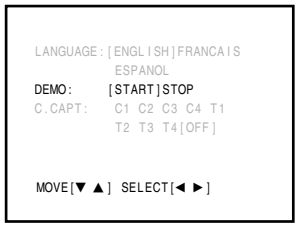
About the Demonstration Mode

When this function is activated, your TV will automatically display a variety of its on-screen menus and special features. This function is provided for demonstration purposes only.

1 Press **MENU**, then ▲ or ▼ until “DEMO” in the Option menu is displayed in purple.

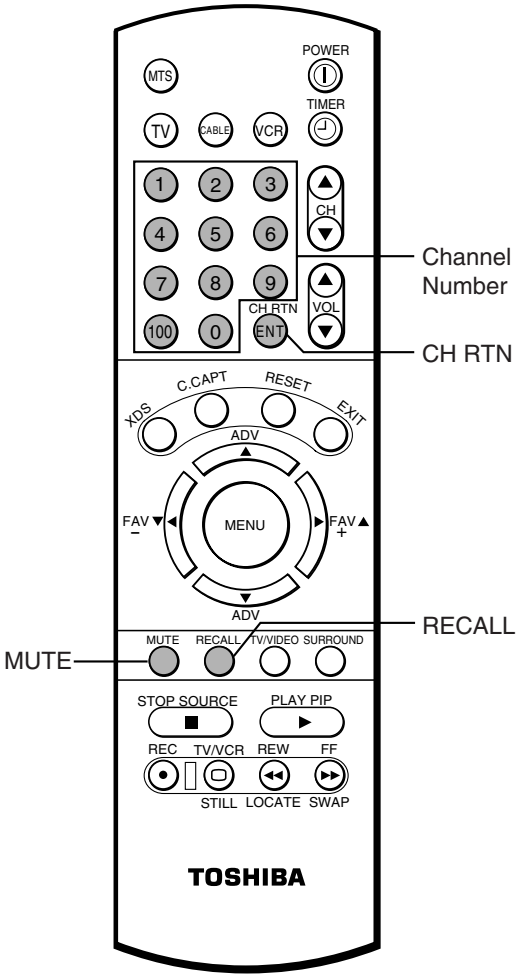
2 Press ◄ or ► to select “START”.

The on-screen demonstration will start after about 15 seconds.



To stop the demonstration
Press **EXIT** or **RECALL** on the Remote or select “STOP” in the menu.

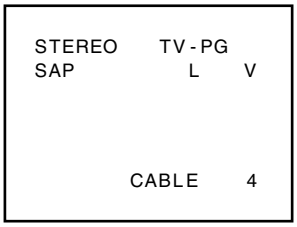
Convenient Remote Functions



Displaying on-screen information

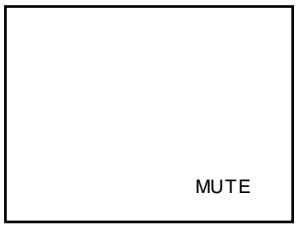
Press **RECALL** to display the following on-screen information.

- Channel number or VIDEO mode selected
- Stereo or SAP audio status
- V-CHIP rating



Muting the sound

Press **MUTE** to mute the sound. The word "MUTE" will be displayed on the screen as shown. This is useful during telephone calls or other interruptions.
To restore the sound, press **MUTE** again.



*Note: When the **MUTE** button is pressed, the Closed-Captioned feature "C1" is activated. ("MUTE" on the screen display will disappear.) To deactivate, press the **MUTE** button again. (This feature only functions when the Closed Caption mode is set to "OFF".)*

Changing quickly between two channels

Press **CH RTN** to return to the last channel viewed.
This is useful should you want to view two channels. This allows you to view two programs without entering an actual channel number each time.

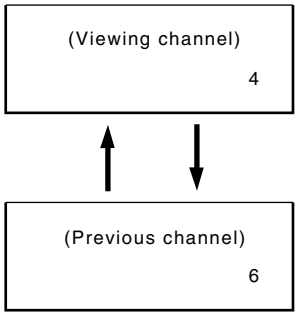
To operate this function

1 Select the first channel you want to view.

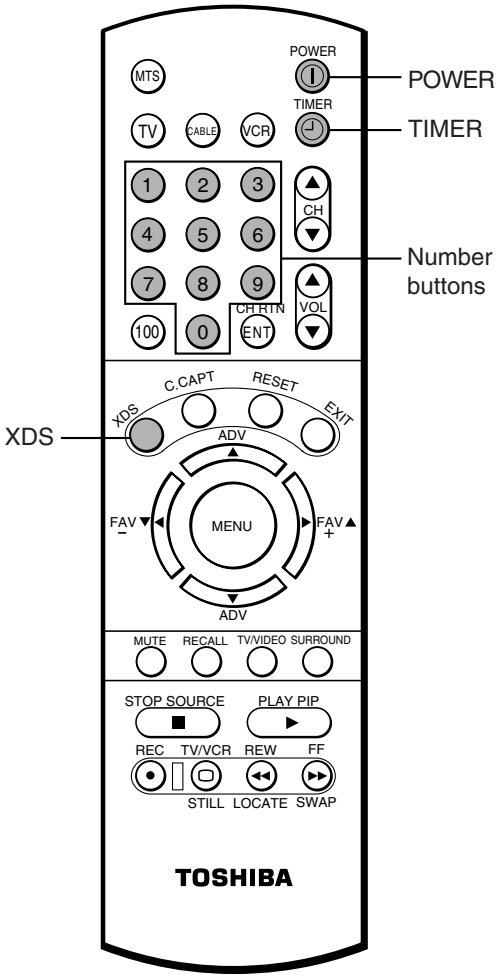
2 Select the other channel with the **Channel Number** buttons.

3 Press **CH RTN**.
The previous channel will return.

Each time you press **CH RTN**, the TV will switch back and forth between the two channels.



Convenient Remote Functions (Continued)



Setting the off-timer (sleep timer)

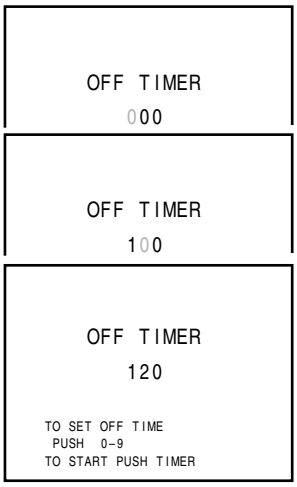
With the off-timer, you can set the TV to turn off automatically after a pre-determined period of time (up to 3 hours, in 10 minute increments).

1 Press **TIMER** to select the OFF TIMER mode.

2 Press two **Number buttons** (0-9) to enter the length of time you want the TV to stay on after each number position starts to blink.

Example: 120 minutes
Press 1 and 2.

3 Press **TIMER** to start the timer.
The display color will change from purple to blue, and then the display will disappear.



To cancel the setting
Press **POWER** twice, once to turn the TV off and once to turn it on again.

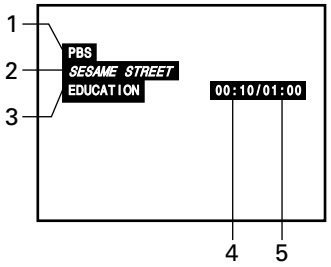
Notes:

- *The timer can also be set through the Setup menu.*
- *If you want to see how much time remains before the shut-off time, press* ***TIMER*** *once.*
  The remaining time will be displayed. To erase the display, press ***TIMER*** *again.*

Displaying the XDS information

Press **XDS** to display the following XDS (Extended Data Service) information for about 10 seconds.

1. Network name
2. Program name
3. Program type
4. Time in show
5. Program length

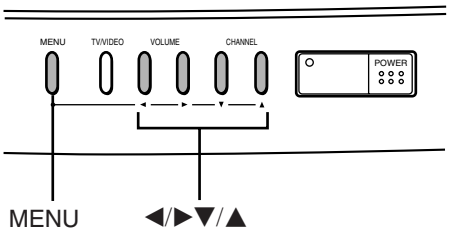


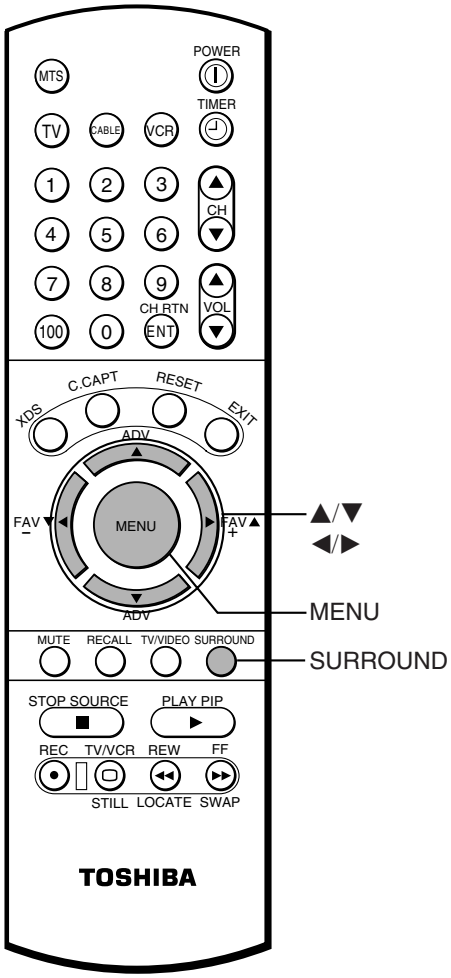
Some of the above information may not be displayed.

If the TV program you are watching does not include the XDS information
"NO XDS INFORMATION" will be displayed instead for about 10 seconds when you press **XDS**.

Receiving Stereo/SAP Broadcasts

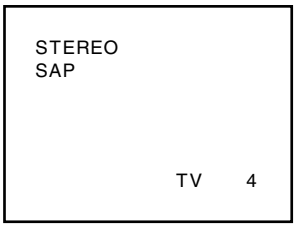
The MTS (Multi-channel TV Sound) feature allows you to improve your TV viewing with high fidelity stereo sound.
This TV also allows you to activate or deactivate the stereo surround sound effect.
MTS also provides for an extra channel, SAP (Second Audio Program), used to transmit a second language or other audio information.





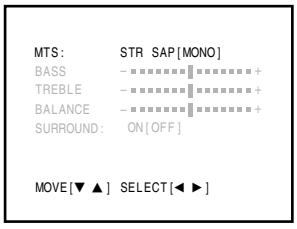
Selecting stereo or SAP sound

1 When the TV receives a MTS broadcast, the word “STEREO” and/or “SAP” is displayed on the screen whenever the TV is turned on, a channel is selected, or the **RECALL** button is pressed.



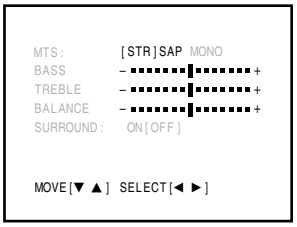
2 Press **MENU** until the Audio menu is displayed on the screen.

3 Press ▲ or ▼ until “MTS” is displayed in purple.
The usable selections will be displayed in yellow.



4 Press ◄ or ► to select “STR” (stereo) or “SAP”.

You should leave your TV on “STR” so you can automatically receive stereo or monaural sound, depending on the broadcast type. If the stereo sound is noisy, select “MONO” to reduce the noise.

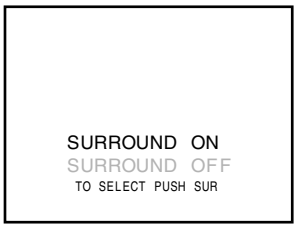


Activating the surround sound effect

1 Select the Stereo mode as described above.

2 Press **SURROUND** until “SURROUND ON” is displayed in purple.

In general, you should leave your TV on SURROUND ON so it can automatically produce surround stereo or monaural sound, depending on the broadcast type.



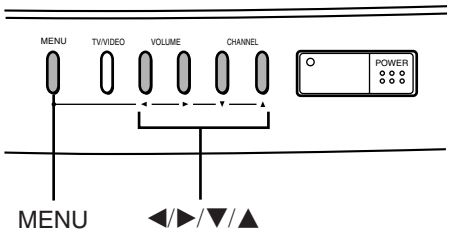
To deactivate the surround effect
Select “SURROUND OFF” in step 2.

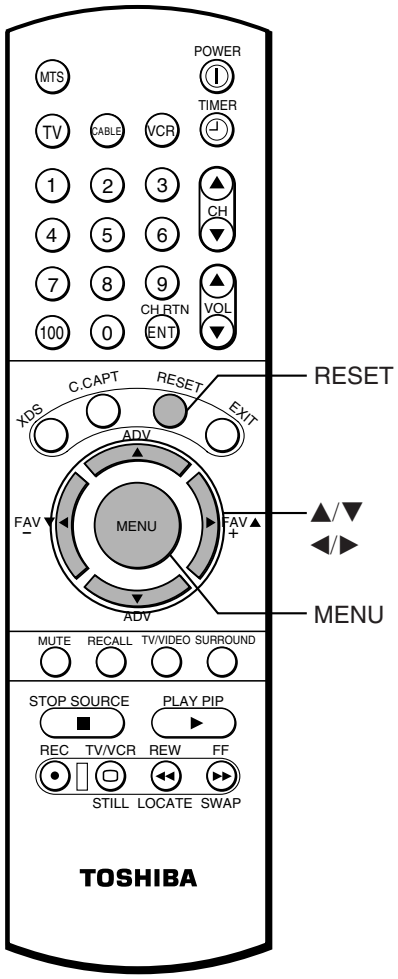
Notes:

- *The surround can also be selected through the Audio menu.*
- *“MTS” function is not available while in the VIDEO mode.*

Adjusting the Picture

You can adjust the picture quality (CONTRAST, BRIGHTNESS, SHARPNESS, COLOR and TINT) to suit your taste.

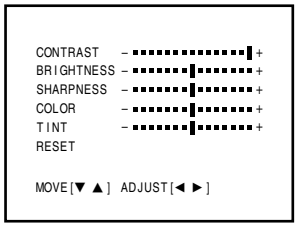




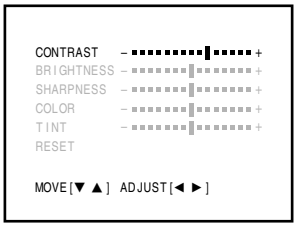
Adjusting the picture quality

1 Press **MENU** repeatedly until the Picture menu is displayed on the screen.

2 Press ▲ or ▼ until the item you want to adjust is displayed in purple.



3 Press ◄ or ► to adjust the level.



Selection	Pressing	
	◄	►
CONTRAST	lower	higher
BRIGHTNESS	darker	lighter
SHARPNESS	softer	sharper
COLOR	paler	deeper
TINT	reddish	greenish

To reset the picture adjustments to the factory setting
Press **RESET**.

Notes:

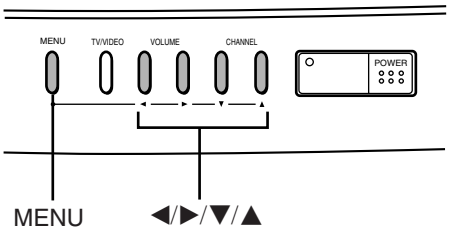
The RESET function adjusts the following picture and audio functions.

- *CONTRAST ..... Max.*
- *BRIGHTNESS ..... Center*
- *COLOR ..... Center*
- *TINT ..... Center*
- *SHARPNESS ..... Center*
- *BASS ..... Center*
- *TREBLE ..... Center*
- *BALANCE ..... Center*

The RESET function can be set through the Picture menu.

Adjusting the Sound

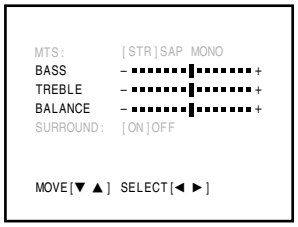
You can adjust the sound quality (BASS, TREBLE and BALANCE) to suit your taste.



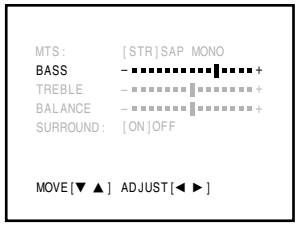
Adjusting the sound quality

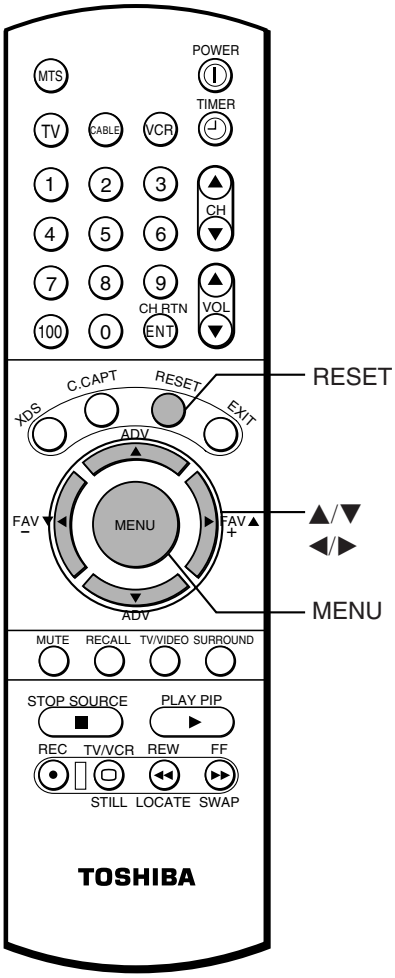
1 Press **MENU** until the Audio menu is displayed on the screen.

2 Press ▲ or ▼ until the item you want to adjust is displayed in purple.



3 Press ◄ or ► to adjust the level.



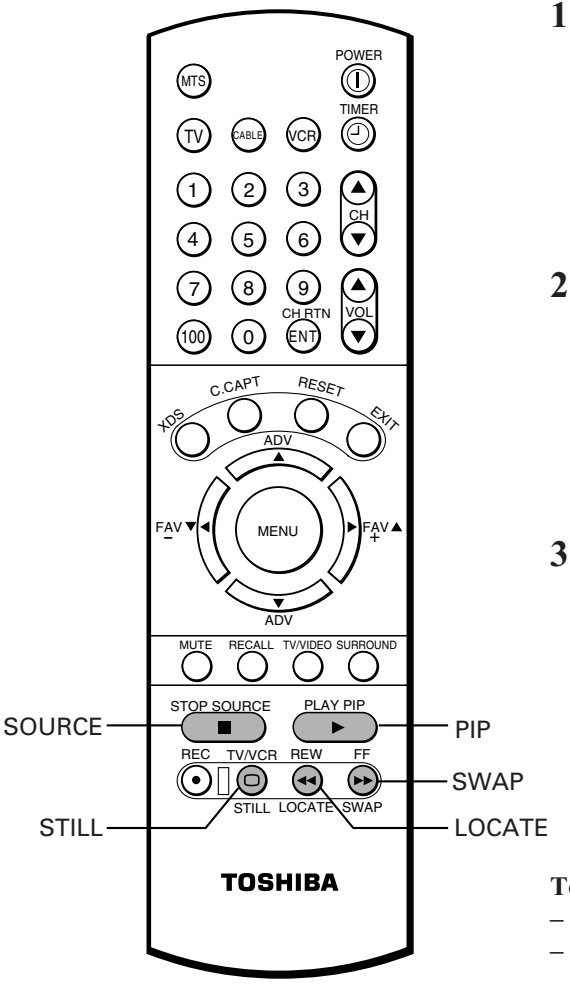


Selection	Pressing	
	◄	►
BASS	weaker	stronger
TREBLE	weaker	stronger
BALANCE	decreases the right channel	decreases the left channel

To reset the audio adjustments to the factory setting
Press **RESET**.

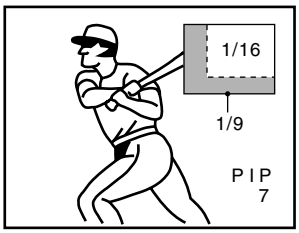
Watching Picture-in-Picture

In addition to the main picture, another TV program or video source being received through the VIDEO input jacks can be displayed simultaneously as a small picture. This is called PIP (Picture-in-Picture).
Be sure to connect a VCR with the VIDEO/AUDIO cables. See page 5 for details.

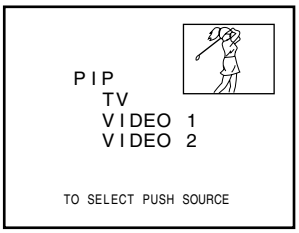


Displaying a small picture

1 Press **PIP once** to display a small picture. The 1/9 size window picture will appear. If you press **twice**: The 1/16 size window picture will appear.

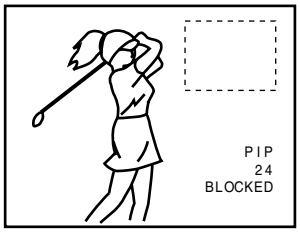


2 Press **SOURCE** to select the video input source ("VIDEO1" or "VIDEO 2") for the small picture.
The selected source will be displayed in purple.



3 Select channels for the PIP using the VCR's channel keys.

If the V-CHIP Control feature is active and you try to watch a TV program that exceeds the rating limits you set, the TV will enter into the program block mode. See page 28 for details.

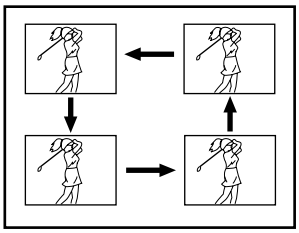


To turn off the small picture, press PIP
– **Twice**, if you watch the 1/9 size window picture.
– **Once,** if you watch the 1/16 size window picture.

Using advanced functions

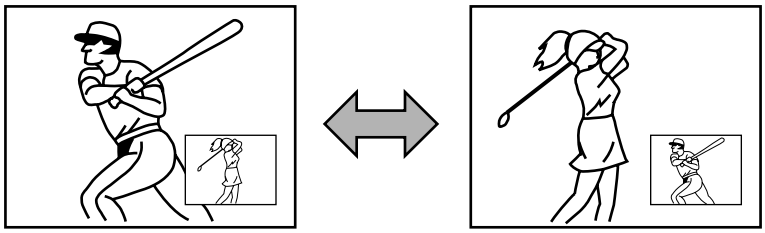
To change the position of the small picture

Press **LOCATE** repeatedly when a small picture is displayed. The display position of the small picture will change in order.



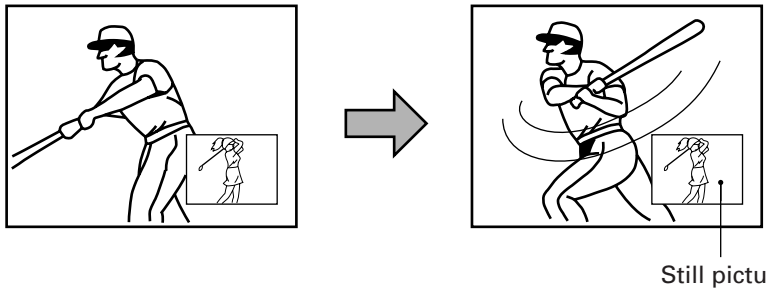
To switch the main and small picture

Press **SWAP** when a small picture is displayed.
The main and small pictures will switch.
To switch them again, press **SWAP** again.



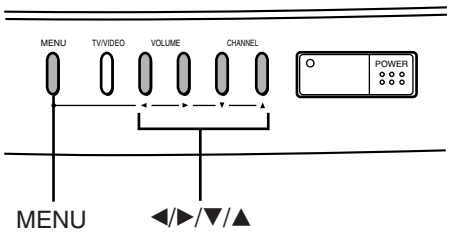
To freeze the small picture

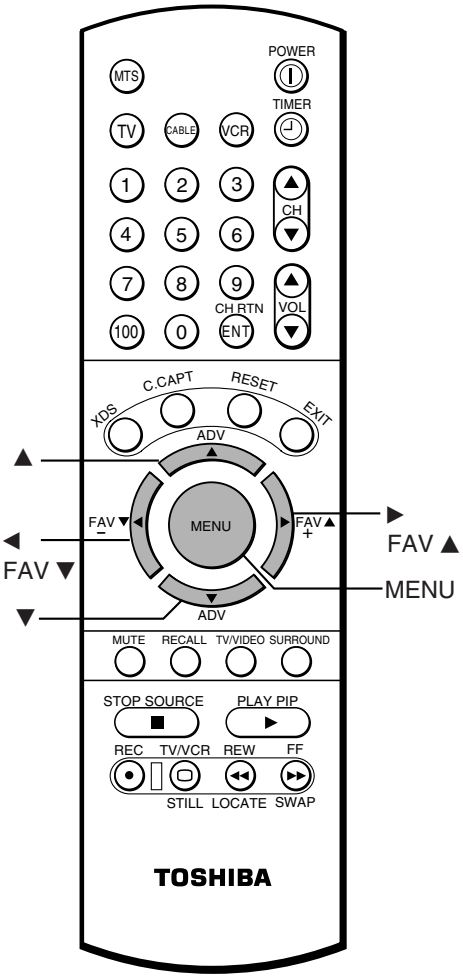
Press **STILL** when a small picture is displayed.
The small picture will become a still picture.
To return to a moving picture, press **STILL** again.



Programming Your Favorite Channels

The Favorite Channel Programming feature allows you to program up to 12 of your favorite channels.
Once programmed, you can use the **FAV ▼/▲** buttons on the Remote Control to scan through only your favorite channels, skipping other channels you do not normally view.
You can use the **CHANNEL ▲/▼** buttons to scan through all the channels you have programmed into the TV's memory.

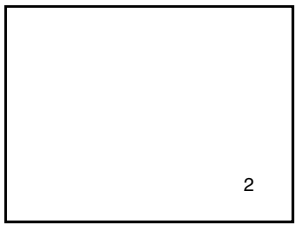




Programming your favorite channels

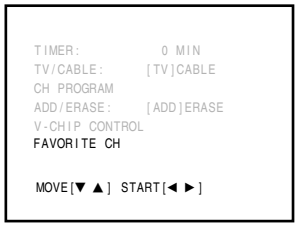
1 Select a channel you want to program.

Example: channel 2

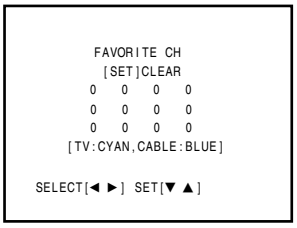


2 Press **MENU** until the Setup menu is displayed on the screen.

3 Press ▲ or ▼ until "FAVORITE CH" is displayed in purple.

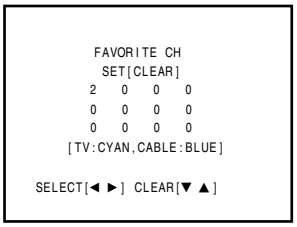


4 Press ◄ or ► to display the FAVORITE CH program menu.
Each time you press ◄ or ►, you are guided between "SET" and "CLEAR".



5 **To program channels:**
Select "SET". Then press ▲ or ▼ until the channel number to be programmed ("2" in this example) replaces "0" on the display.

To erase channels:
Select "CLEAR". Then press ▲ or ▼ until "0" replaces the channel number to be erased, "2" for example.



6 Repeat steps 1 to 5 for other channels.

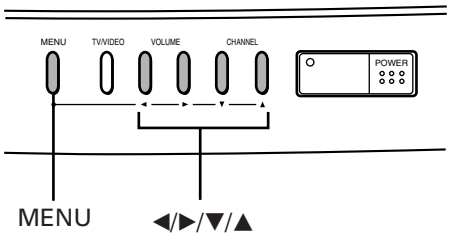
Selecting your favorite channels

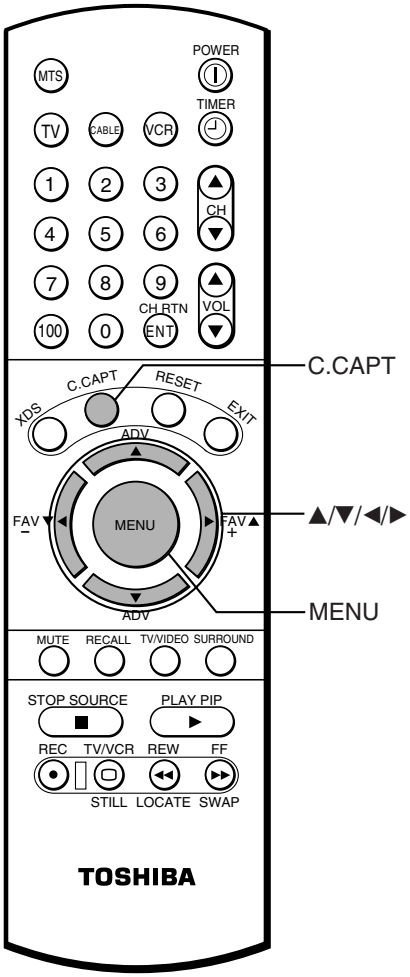
To select the favorite channels you have programmed, use the **FAV ▼/▲** buttons on the Remote Control instead of using the **CHANNEL ▲/▼** buttons.

Note: *The* ***FAV*** *▼/▲ buttons cannot function if you have not programmed your favorite channels.*

Operating Closed Caption Feature

You have two options with the closed caption feature: captions or text.
A caption is a printed version of the dialogue, narration and/or sound effect of a TV program.Text is information not related to the program that appears on the lower half of the screen.





Viewing captions or text

1 Select the desired program.
The captioned programs are usually noted in your local TV listings by service marks such as “CC”.

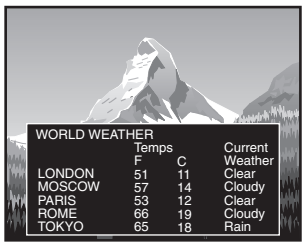
2 Press **C.CAPT** on the Remote Control to call up the CLOSED CAPTION menu.

Press **C.CAPT** repeatedly to select the closed caption mode.

```
CLOSED CAPTION
[C1]C2 C3 C4
 T1 T2 T3 T4
 OFF
TO SELECT PUSH C.CAPT
```

- Select C1, C2, C3, or C4 to view captions. Select C1 for translation of the primary language in your area.

- Select T1, T2, T3, or T4 to view Text.



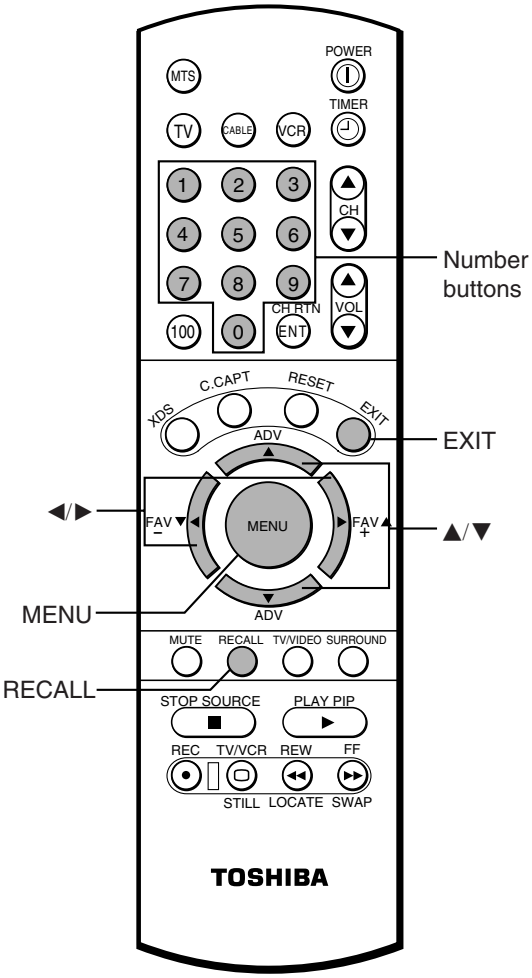
To turn off the closed caption feature
Select “OFF” in step 2.

Notes:

- *A closed-captioned signal may not be decoded in the following situations.*
  – *When a video tape has been dubbed.*
  – *When the signal reception is weak.*
  – *When the signal reception is non-standard.*
- *If you select a closed-captioned channel and the Text mode, the text screen always appears.*
  However, text characters are not displayed when no signal is aired.
- *The closed caption feature can be selected through the Option menu.*

Using V-CHIP Control

Some TV programs and movies include signals that classify the content of the program (violence, sex, dialog, language). The V-CHIP Control feature in this TV detects the signals and blocks the programs according to your selections. To use this feature, perform the following setup.



Selecting the V-CHIP CONTROL menu

1 Press **MENU** then ▲ or ▼ repeatedly until "V-CHIP CONTROL" in the Set up menu is displayed in purple.

```
TIMER:              0 MIN
TV/CABLE:       [TV]CABLE
CH PROGRAM
ADD/ERASE:      [ADD]ERASE
V-CHIP CONTROL
FAVORITE CH

MOVE[▼ ▲] START[◄ ►]
```

2 Press ◄ or ► to display the pin code entering mode.

- **Factory reset status**
  Set your 4 digit code by pressing the **Number buttons** (0-9).

  Example: To enter "1110"
  Press 1, 1, 1, and 0 in order.

```
BLOCKING IS RESET
PLEASE ENTER NEW PIN CODE

  1110


SELECT[0-9] END[EXIT]
```

- **When the pin code is already stored**
  Press the **Number buttons** (0-9) to enter the 4-digit pin code used to block channels.

```
BLOCKING IS ACTIVE
PLEASE ENTER PIN CODE

  1234


SELECT[0-9] END[EXIT]
```

If a wrong pin code has been entered
The message will appear. Try to enter the correct code again.

```
INCORRECT PIN CODE
PLEASE ENTER PIN CODE

  1235


SELECT[0-9] END[EXIT]
```

If you can not remember the pin code you have stored, while in the pin code entering mode, press the **RECALL** button four times within 5 seconds.
The pin code you have stored will be released. (Factory reset status).

3 After about 1 second, the screen changes to the V-CHIP CONTROL menu as shown.

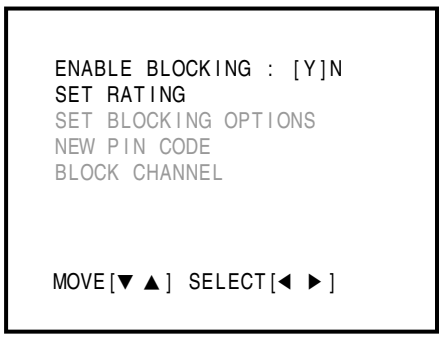
```
ENABLE BLOCKING :  Y[N]
SET RATING
SET BLOCKING OPTIONS
NEW PIN CODE
BLOCK CHANNEL


MOVE[▼▲] SELECT[◄ ►]
```

Continue to set each item following the steps on the next page.

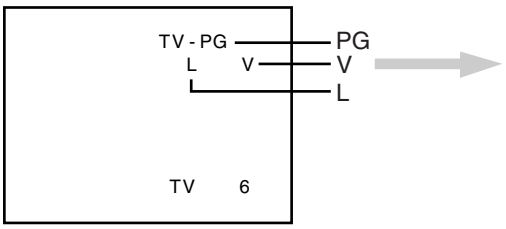
To return to the normal picture
Press **EXIT**.

V-CHIP CONTROL menu



To select each item
Press ▼or ▲.

The rating of the TV programs you are now watching can be confirmed by pressing the **RECALL** button.



Adjusting the V-CHIP CONTROL menu

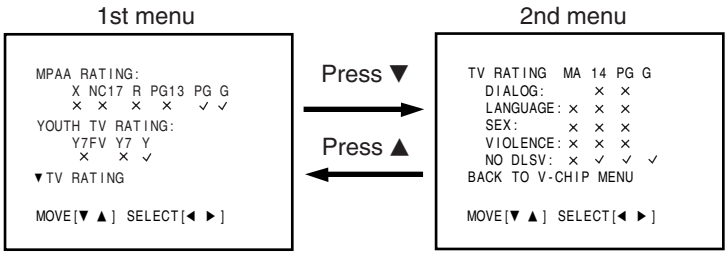
ENABLE BLOCKING

Press ◄ or ► to select "Y" or "N".
Y: To enable your setting (Block)
N: To release your setting (Unblock)

Note: *The BLOCK CHANNEL function is not affected with this selection.*

SET RATING (Setting the movie or TV ratings for your choice)

1. Press ◄ or ► to display the SET RATING menu.
2. Press ▼ (or ▲) to select item.
3. Press ► to block (display "✕")
   Press ◄ to unblock (display "✓")
4. Repeat steps 2 and 3 to set the next item.



About Rating

MPAA RATING: Independent rating system for movies

G: General Audience (Appropriate for all ages)
PG: Parental Guidance Suggested (Some material may not be suitable for children)
PG13: Parents Strongly Cautioned (Some material may be inappropriate for children under 13)
R: Restricted (Under 17 requires accompanying parent or adult guardian.)
NC17: Not intended for anyone 17 and under
X: X-rated (For adults only)

TV RATING: Independent rating system for Broadcasters

YOUTH TV RATING:

Y: All Children (This program is designed to be appropriate for all children)
Y7, Y7FV: Directed to Older Children (This program is designed for children age 7 and above. Note: For those programs where fantasy violence may be more intense or more combative than other programs in this category, such programs will be designated TV-Y7-FV.)
G: General Audience (Most parents would find this program suitable for all ages.)
PG: Parental Guidance Suggested (This program contains material that parents may find unsuitable for younger children.)
D) Some suggestive dialog **L)** Infrequent coarse language
S) Some sexual situations **V)** Moderate violence
14: Parents Strongly Cautioned (This program contains some material that many parents would find unsuitable for children under 14 years of age.)
D) Intensely suggestive dialog **L)** Strong coarse language
S) Intense sexual situations **V)** Intense violence
MA: Mature Audience Only (This program is specifically designed to be viewed by adults and therefore may be unsuitable for children under 17.)
L) Crude or indecent language **S)** Explicit sexual activity
V) Graphic violence

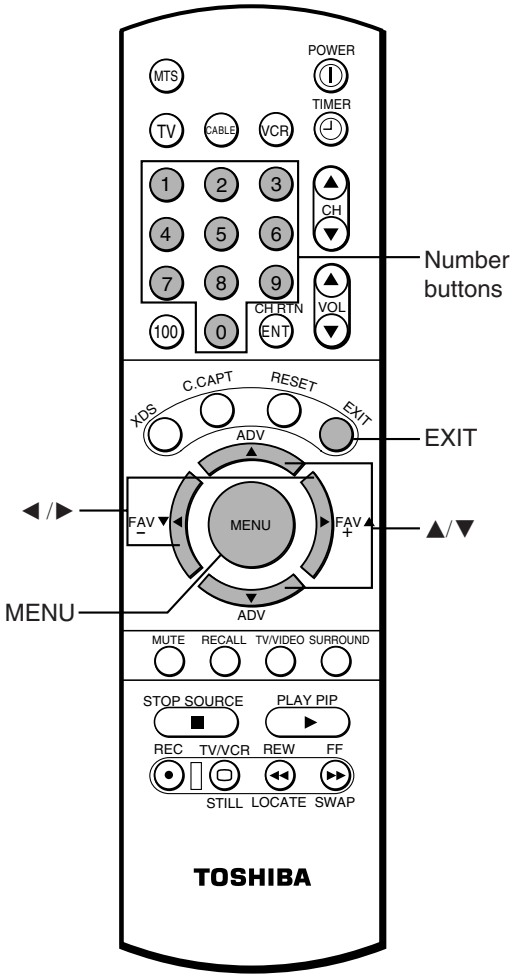
V-CHIP CONTROL menu

```
ENABLE BLOCKING : [Y]N
SET RATING
SET BLOCKING OPTIONS
NEW PIN CODE
BLOCK CHANNEL

MOVE[▼ ▲] SELECT[◄ ►]
```

To select each item

Press ▼ or ▲.



Adjusting the V-CHIP CONTROL menu (continued)

SET BLOCKING OPTIONS

Press ◄ or ► to display the SET BLOCKING OPTIONS menu, then press ▼ or ▲ to select item.

BLOCK MPAA UNRATED

Press ◄ or ► to select "Y"(Block) or "N"(Unblock) for unrated programs on MPAA rating system.

BLOCK TV NONE RATING

Press ◄ or ► to select "Y"(Block) or "N"(Unblock) for programs rated NONE on TV PARENTAL GUIDELINES.

If you select "Y", the NOTICE shown below will be displayed since the emergency information may also be blocked.

Note: *The Picture-in-Pcture is not blocked even if "Y" is selected.*

SET BLOCKING OPTION menu

```
BLOCK MPAA UNRATED:  Y[N]
BLOCK TV NONE RATING:Y[N]
BACK TO V-CHIP MENU

MOVE[▼ ▲] SELECT[◄ ►]
```

If you select "Y" on TV rating

```
BLOCK MPAA UNRATED:   Y[N]
BLOCK TV NONE RATING:[Y]N
BACK TO V-CHIP MENU

NOTICE:ENABLING THIS OPTION
       MAY BLOCK EMERGENCY
       MESSAGES

MOVE[▼ ▲] SELECT[◄ ►]
```

BACK TO V-CHIP MENU

Press ◄ or ► to return to the V-CHIP CONTROL menu.

NEW PIN CODE (Changing Pin Code)

1 Press ◄ or ► to display the NEW PIN CODE menu.

```
PLEASE ENTER NEW PIN CODE
  ----

SELECT[0-9] END[EXIT]
```

2 Press the **Number buttons** (0-9) to enter a 4-digit code.
The numbers you enter will replace the dashes in the display.

Example: To enter "1122"
Press 1, 1, 2, and 2 in order.

```
PLEASE ENTER NEW PIN CODE
  1122

SELECT[0-9] END[EXIT]
```

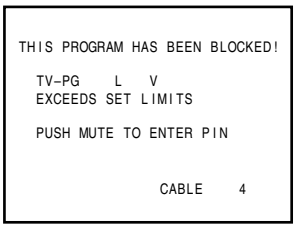
3 After about 1 second, the display will return to the V-CHIP CONTROL menu.

```
ENABLE BLOCKING : [Y]N
SET RATING
SET BLOCKING OPTIONS
NEW PIN CODE
BLOCK CHANNEL

MOVE[▼ ▲] SELECT[◄ ►]
```

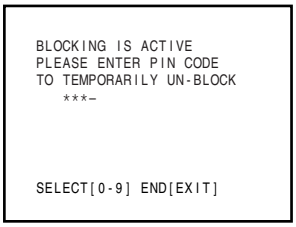
Unblocking programs temporarily

1 If you try to watch a TV program that exceeds the rating limits you set, the TV will enter into the program block mode.



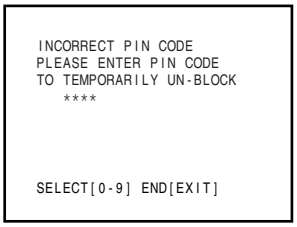
2 If you want to watch the blocked program temporarily, press **MUTE**.

Press the **Number buttons** (0-9) to enter the 4-digit code you have stored.
If the number is correct, the block mode will be released.
After 1 second, normal picture will appear.



All blocking is disabled until the TV is turned off.
It will be enabled when the power is reapplied.

If a wrong pin code is entered, the message appears.
Enter the correct code again.



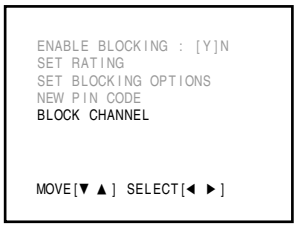
BLOCK CHANNEL function

With the BLOCK CHANNEL function, you can block specific channels. The TV will not be able to tune these channels with the **CHANNEL ▲/▼** buttons or **Channel Number** buttons, unless you clear the setting.
This TV has 8 memory spaces total, 4 for TV mode and 4 for CABLE mode.

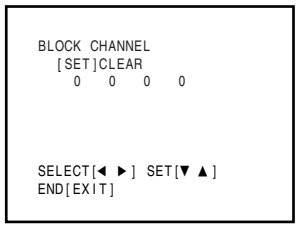
To block channels

1 Select a channel you want to block.

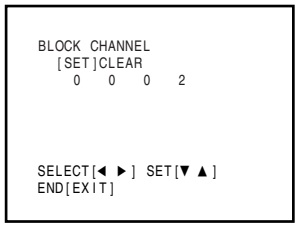
2 Select “BLOCK CHANNEL” in the V-CHIP CONTROL menu by pressing ▼ or ▲.



3 Press ◄ or ► to display the BLOCK CHANNEL menu.



4 Press ◄ or ► to select “SET”, then press ▼ or ▲ until the channel number to be blocked (“2” in this example) replaces “0” on the display.



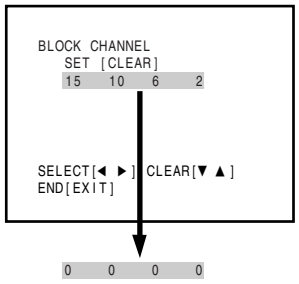
5 Repeat steps 1 to 4 for other channels.

6 Select another channel before turning off the TV.

To restore channels

1 Select “CLEAR” following the above steps 2 to 4.

2 Press ▼ or ▲ until “0” replaces the channel numbers.



3 Press **EXIT** to erase the display.

Cleaning and Care

WARNING: TV sets use High Voltage. Do not try to remove the cabinet back. Refer servicing to qualified service personnel.

■ To clean the TV screen:
1. First remove the plug from the power outlet to avoid possible shock hazard.
2. Use a clean cellulose sponge or chamois cloth dampened with a solution of mild detergent and warm water to clean TV screen and trim. Do not use too much water on the TV screen. Water spills into the cabinet and may cause damage to the TV. Avoid excess water.
3. Remove any extra moisture with the same cloth or a dry one.

■ To maintain the finish and appearance of the cabinet, polish it from time to time with a quality furniture polish.

Caution: *Never use strong solvents such as thinner, benzene or other chemicals on or near cabinet, as they might damage the finish of the cabinet.*

Specifications

Television system	NTSC standard
Channel coverage	VHF: 2 through 13 UHF: 14 through 69 Cable TV: mid band (A-8 through A-1, A through I) super band (J through W) hyper band (AA through ZZ, AAA, BBB) ultra band (65 through 94, 100 through 125)
Power source	120V AC, 60Hz
Power consumption	CE27T11: 92W (average) CE32T11: 101W (average) CE36T11: 102W (average)
Audio power	5W + 5W
Speaker type	2-3/8 x 4-3/4 inches (60 x 120 mm)
Audio/Video terminals	S-VIDEO INPUT (CE32T11/CE36T11) Y-INPUT: 1V (p-p), 75 ohm, negative sync. C-INPUT: 0.286V (p-p) (burst signal), 75 ohm AUDIO/VIDEO INPUT VIDEO: 1V(p-p), 75 ohm, negative sync. AUDIO: 150mV(rms) (30% modulation equivalent, 47k ohm) AUDIO/VIDEO OUTPUT VIDEO: 1V(p-p), 75 ohm, negative sync. AUDIO: 150mV(rms) (30% modulation equivalent, 4.7k ohm)
Dimentions	CE27T11: Width 26-11/16 inches (677mm) Height 24-3/8 inches (618mm) Depth 21-13/16 inches (552mm) CE32T11: Width 30-7/16 inches (773mm) Height 28-1/8 inches (714mm) Depth 22-5/8 inches (575mm) CE36T11: Width 34-7/8 inches (886mm) Height 30-3/4 inches (781mm) Depth 24-1/2 inches (622mm)
Mass	CE27T11: 76 lbs (34.5kg) CE32T11: 128 lbs (58.1kg) CE36T11: 172 lbs (78 kg)
Supplied accessories	Remote Control with 2 size “AA” batteries
Optional TV stand	CE27T11: — CE32T11: ST3212 CE36T11: ST3512

Design and specifications are subject to change without notice.

Before Calling Service Personnel

Before calling service personnel, please check the following chart for a possible cause of the problem you are experiencing. A minor adjustment on your part may eliminate the problem and restore your TV reception.

Problem	Checks and Adjustments	Page
TV will not turn on	● Make sure the power cord is plugged in, then press **POWER** button. ● Check battery in the Remote. (Maybe batteries are "dead".)	15 8
No picture, no sound	● Check antenna/cable connections.	5
No sound, picture OK	● Maybe sound is muted. Try pressing **VOLUME ▲** button. ● Try another channel. (Maybe station trouble.)	15
Poor sound, picture OK	● Try another channel. (Maybe station trouble or local interference from appliance.)	
Poor picture, sound OK	● Check antenna/cable connections. ● Try another channel. (Maybe station trouble or local interference.) ● Adjust Picture menu.	 22
Poor reception of broadcast channels	● Try another channel. ● Check antenna connections. ● If using VCR, check TV/VCR button.	 5 10
No UHF, VHF OK	● Make sure TV/CABLE function is in "TV" mode.	16
Black box appears on the screen	● Captioning may be turned on	27
Cannot select a certain channel	● That channel may be locked out with BLOCK CHANNEL function, or erased with the ADD/ERASE function.	31 17
Multiple images (ghosts)	● Try another channel. (Maybe station trouble.) ● Use a highly directional outdoor antenna.	
Poor color or no color	● Try another channel. (Maybe station trouble or local interference.) ● Adjust TINT and/or COLOR in the Picture menu. ● If you change the direction of the TV while the TV is activated, the picture may suffer from color shading. If so, turn off the TV and allow it to cool for about 30 minutes, then turn on the TV again. The picture should improve.	 22
No stereo or SAP sound from an MTS broadcast	● Check if MTS function is properly set.	21
The Remote Control does not operate	● Check if Device buttons are properly set. ● Maybe something was between the Remote and the remote sensor. ● Maybe batteries are dead. Try replacing batteries with new ones.	9, 10 8

Limited United States Warranty

Toshiba America Consumer Products, Inc. ("TACP") and Toshiba Hawaii Inc. ("THI") make the following limited warranties. These limited warranties extend to the original consumer purchaser or any person receiving this set as a gift from the original consumer purchaser and to no other purchaser or transferee.

Limited One (1) Year Warranty

TACP and THI warrant this product and its parts against defects in materials or workmanship for a period of one (1) year after the date of original retail purchase. During this period, TACP and THI will repair or replace a defective part, at their option, with a new or refurbished part, without charge to you. TACP/THI Authorized Service Station personnel will come to your home when warranty service is required. Depending on the type of repair required, the service will either be performed in your home or the set will be taken to the TACP/THI Authorized Service Station for repair and returned to your home at no cost to you.

Limited Two (2) Year Warranty of Picture Tube

TACP and THI further warrant the picture tube in this product against defects in materials or workmanship for a period of two (2) years after the date of original retail purchase. During this period, TACP and THI will repair or replace a defective picture tube, at their option, with a new or refurbished picture tube without charge to you, except that if a defective picture tube is replaced after one (1) year from the date of the original retail purchase, you pay labor charges involved in the replacement.

Rental Units

The warranty for rental units begins with the first rental or thirty (30) days from the date of shipment to the rental firm, whichever comes first.

Commercial Units

Products sold and used for commercial use have a limited ninety (90) day warranty for all parts, labor and picture tube.

Owner's Manual and Demographic Card

You should read this owner's manual thoroughly before operating this product. You should complete and mail the enclosed Demographic card within ten days after you, or the person who has given you this product as a gift, purchased this product. This is one way to enable TACP/THI to provide you with better customer service and improved products. Failure to return the Demographic card will not affect your rights under this warranty.

Your Responsibility

The above warranties are subject to the following conditions:

(1) You must retain your bill of sale or provide other proof of purchase.
(2) All warranty servicing of this product must be made by an Authorized TACP/THI Service Station.
(3) These warranties are effective only if the product is purchased and operated in the U.S.A.or Puerto Rico.
(4) Labor service charges for set installation, set up, adjustment of customer controls and installation or repair of antenna systems are not covered by this warranty. Reception problems caused by inadequate antenna systems are your responsibility.
(5) Warranties extend only to defects in materials or workmanship as limited above and do not extend to any product or parts which have been lost or discarded by you or to damage to products or parts caused by misuse, accident, damage caused by Acts of God, such as lightning or fluctuations in electric power, improper installation, improper maintenance or use in violation of instructions furnished by us; or to units which have been modified or had the serial number removed, altered, defaced or rendered illegible.

How to Obtain Warranty Service

If after following all of the operating instructions in this manual and checking the section "BEFORE CALLING SERVICE PERSONNEL", you find that service is needed;

(1) Call the TACP toll free number **1-800-631-3811** after you find a defective product or part to find the nearest TOSHIBA Authorized Service Station.
(2) Please present your bill of sale or other proof to the Authorized Service Station.
"TACP/THI Authorized Service Station personnel will come to your home when warranty service is required. Depending on the type of repair required, the service will either be performed in your home or the set will be taken to the TACP/THI Authorized Service Station for repair and returned to your home at no cost to you."

In the Continental United States contact:

In Hawaii contact:
Toshiba Hawaii, Inc. 327 Kamakee Street, Honolulu, Hawaii 96814 (808) 521-5377

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All warranties implied by state law, including the implied warranties of merchantability and fitness for a particular purpose, are expressly limited to the duration of the limited warranties set forth above. With the exception of any warranties implied by state law as hereby limited, the foregoing warranty is exclusive and in lieu of all other warranties, guarantees, agreements and similar obligations of manufacturer or seller with respect to the repair or replacement of any parts. In no event shall TACP or THI be liable for consequential or incidental damages.

No person, agent, distributor, dealer or company is authorized to change, modify or extend the terms of these warranties in any manner whatsoever. The time within which action must be commenced to enforce any obligation of TACP or THI arising under this warranty or under any statute, or law of the United States or any state thereof, is hereby limited to 90 days from the date you discover or should have discovered, the defect. This limitation does not apply to implied warranties arising under state law.

This warranty gives you specific legal rights and you may also have other rights which may vary from state to state. Some states do not allow limitation on how long an implied warranty lasts, when an action may be brought, or the exclusion or limitation of incidental or consequential damages, so the above provisions may not apply to you.

ATTENTION CANADIAN CONSUMERS:

Canadian consumers are requested to complete the special Canadian "Warranty Registration Form" enclosed, and forward this completed form with a copy of bill of sale to TOSHIBA OF CANADA to "Register and Validate" their warranty.

Products purchased in the U.S.A. and used in Canada are not covered by these warranties.
Products purchased in Canada and used in the U.S.A. are not covered by these warranties.
Rev. 09-01-98

TOSHIBA AMERICA CONSUMER PRODUCTS, INC.

HEAD OFFICE/82 TOTOWA ROAD, WAYNE, NEW JERSEY 07470
FACTORY SERVICE CENTER/ 1420B TOSHIBA DRIVE, LEBANON, TENNESSEE 37087

TOSHIBA HAWAII, INC.

HEAD OFFICE/327 KAMAKEE STREET, HONOLULU, HAWAII 96814, U.S.A.

TOSHIBA OF CANADA LTD.

HEAD OFFICE/191 McNABB STREET, MARKHAM, ONTARIO, L3R 8H2, CANADA TEL: (905) 470-5400
SERVICE CENTERS/TORONTO: 191 McNABB STREET, MARKHAM, ONTARIO, L3R 8H2, CANADA TEL: (905) 470-5400
MONTREAL: 1643, NORTH SERVICE RD., TRANS-CANADA HIGHWAY, DORVAL QUEBEC, H9P 1J1, CANADA
TEL: (514) 856-4100
VANCOUVER: 22171 FRASER WOOD WAY, RICHMOND, B.C., V6W 1J5 TEL: (604) 303-2500

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